



BLACKSTONE-MILLVILLE REGIONAL DISTRICT SCHOOL COMMITTEE

Frederick W. Hartnett Middle School
Tuesday, June 14, 2016
7:00 PM

Included in this transmission is the following:

- I. Opening of Meeting**
 - a. Call to Order
 - b. Pledge of Allegiance
 - c. Introduction of Members

- II. Public Forum**

- III. Report of Student Representative**
 - a. Brittany Dwyer
 - b. Jack Keefe

- IV. Consent Agenda A**
 - a. Warrants
 - b. Minutes of Meeting
 - a. May 26, 2016
 - b. June 1, 2016

- V. School Committee**
 - a. Discussion of FY17 Budget

- VI. Report of the Superintendent**
 - a. Discussion of Transportation Contract, Richard Labrie
 - b. Jeanne Sheridan, End of Year Report
 - c. Wen Cobb, Business and Financial Update
 - d. Osiris Gonzalez, Technology Update
 - e. Loretta Braverman, Special Education Update

- VII. Report of the Assistant Superintendent**
 - a. Summer Math and Reading Programs K-12
 - b. End of Year Curriculum and Instructional Update

- VIII. Public Forum**

IX. School Committee Forum

- a. Mrs. Erin P. Vinacco, Chair
- b. Mrs. Wendy L. Greenstein, Vice Chair
- c. Ms. Tara Larkin, District Secretary
- d. Mrs. Jane Reggio, District Treasurer
- e. Mr. William F. Chaplin, Jr., Member
- f. Mr. Steven J. Tringali, Member
- g. Ms. Jo-Anne Watson, Member
- h. Ms. Georgette A. Jarret, Member

X. Upcoming Meetings

- a. June 23, 2016 – Public Meeting

XI. Executive Session

XII. Adjournment

The items listed on this agenda are those reasonably anticipated by the Chair to be discussed at the meeting. Not all items may in fact be discussed and other items not listed may also be brought up for discussion to the extent permitted by law.

**BLACKSTONE-MILLVILLE
REGIONAL SCHOOL DISTRICT
ALLEN W. HIMMELBERGER
SUPERINTENDENT OF SCHOOLS**

MEMO

TO: Blackstone-Millville Regional School Committee
RE: School Committee, Consent Agenda A
DATE: June 14, 2016

Recommended Consent Agenda A – Items

1. Warrants

a. Payroll

- i. Move to approve payroll voucher numbers: and as submitted by the Superintendent of Schools

b. Payables

- i. Move to approve the payable voucher numbers: General , and Cafeteria as submitted by the Superintendent of Schools

2. Minutes

- i. Move to approve the school committee minutes of
 - 1. May 26, 2016
 - 2. June 1, 2016

PUBLIC MANAGEMENT ASSOCIATES, LLC

47 Bigwood Drive

Westfield, MA 01085

Tel.: (413) 568-1069 Cel.: (413) 531-4047

May 27, 2016

Ms. Wen Cobb
School Business Manager
Blackstone-Millville Regional School District
175 Lincoln Street
Blackstone, MA 01504

Dear Ms. Cobb:

It was indeed a pleasure meeting with you at the MASBO annual meeting last week and discussing your concerns over your recent school transportation bid. Over this past weekend, I reviewed your recent bid, the Request for Bids Specifications, the proposed contract and your current route information which you provided.

You are correct to be concerned. In my opinion, both the bid process and the specifications themselves are flawed in a number of areas. More specifically, they do not invite fair competition from other prospective bidders. In addition, the cost of the single bid received appears to be significantly higher than other school districts of similar size and demographics. In addition, there are several specifications which are contrary to both public policy and State law. In reviewing your school bells schedules and the number of buses currently being utilized, it is my opinion that with better routing and scheduling you can increase the efficiencies and reduce the current number of buses being utilized; thereby reducing the overall cost of providing safe and efficient school transportation to the District students.

Therefore, based upon my cursory analysis, I would recommend the following to you and your school committee:

Those any and all bids received for the Request for Bids, Transportation of Pupils, Specifications dated March 16, 2016 be rejected in their entirety as not being in the public interest.

Furthermore:

That the fifth Option Year under the current contract with Tellstone & Son, Inc. be awarded at the following rates contained in their bid and subsequent contract:

Elementary Routes: \$ 195.00 per Day

Secondary Routes: \$ 192.00 per Day
Other Secondary Routes: \$ 239.00 per Day

Based upon our review of the routes and schedules provided, it appears that for 2016-17 the District would require the following number of routes:

Elementary Routes: 13 routes (12 for the 3 elementary schools plus 1 for the multi address students) @ \$195.00 per Route per Day (180 days) = \$ 456,300

Secondary Routes: 11 routes (based on actual ridership, as opposed to scheduled ridership) @ \$ 192.00 per Route per Day (180 days) = \$ 380,160

Secondary Routes: 3 Routes @ \$ 239.00 per Route per Day (180 days) = \$ 129,060

Estimated Total Cost (2016-17): \$ 965,520

Since the sole bidder had essentially level funded the cost per bus per day price for the first year of a new contract, the difference in cost between the last option year and the first new contract year is negligible.

Since it too late in the year to be able to attract any prospective bidders, the previous recommendations provide you with the time necessary to review the current and future transportation needs of the District and based upon those needs, develop an improved process and bid specifications which will invite prospective bidders and promote fair competition.

If I can answer any questions with regard to these recommendations, please do not hesitate to contact me.

Respectfully,

Richard G. Labrie
Richard G. Labrie
Principal

PUBLIC MANAGEMENT ASSOCIATES, LLC

47 Bigwood Drive

Westfield, MA 01085

Tel.: (413) 568-1069 Cel.: (413) 531-4047

May 25, 2016

Ms. Wen Cobb
School Business Manager
Blackstone-Millville Regional School District
175 Lincoln Street
Blackstone, MA 01504

Dear Ms. Cobb:

Public Management Associates, LLC (PMA), appreciates the opportunity to submit a proposal to the Blackstone-Millville Regional School District in order to conduct a comprehensive analysis of the efficiencies and effectiveness of its transportation delivery system and to develop bid specifications and manage the bid process in response to the District's current and future requirements.

Public Management Associates (PMA) is a local educational consulting firm which specializes in educational efficiency studies of public school districts (K-12). A majority of our work has been in increasing the efficiencies of school transportation services. Over the past 9 years, we have had the opportunity to review and assess the effectiveness of school transportation operations for both large urban, suburban and rural school districts nationwide. We have also reviewed the operations for both self-operated as well as for contracted transportation services.

The following is in response to our recent discussion concerning my provision of consulting assistance to the Blackstone-Millville Regional School District regarding your student transportation for next year. Based upon our discussion, I am suggesting the following scope of work and timeline:

Scope of Work

1. Review of the current transportation costs and related contracts.
2. Identification of any current transportation related issues or problems.
3. Review of the current transportation routes, with recommendations for improved efficiency, if applicable.
4. Preparation of District Requirements for the FY'2017-2021 period.

5. Prepare bid specifications based on school district current and future requirements.
6. Manage bid process on behalf of the District, under the direction of the District Business Office.
7. Chair Bidders' Meetings.
8. Prepare Bid Addenda, as necessary.
9. Analyze bid results and prepare recommendation to the District.
10. Draft appropriate transportation contracts pursuant to the bid process.
11. Assistance throughout the process, i.e. clarifications and/or addenda, conferences, meeting attendance, etc. through to contract negotiations and signing
12. Other, as may be required to solicit a competitive and cost- effective transportation contract.

Project Staff

The Transportation Review Team will be led by Mr. Richard Labrie, who as a Massachusetts Collaborative Executive Director, developed and operated the largest publically owned school transportation program in the Commonwealth. Integral to the transportation delivery system was the development of computerized multi district routing and scheduling and subsequent cost sharing among the participating school districts. This delivery system was later identified as a model program by the DESE and replicated across the Commonwealth. Mr. Labrie provided technical assistance to the DESE and other educational collaboratives and regional organizations in that process. Subsequently, he was contracted by the Rhode Island Department of Education (RIDE) to provide technical assistance in the design and implementation of legislatively mandated statewide special education transportation delivery system for special needs students. Since his retirement, he has conducted numerous transportation efficiency studies for school districts across the country. These studies have ranged from rural school districts to large (county wide) school districts in California and Florida. In addition, Mr. Labrie is published in the field of making special education transportation more efficient and cost effective. In support of this proposal, he has assembled a team of practitioners, each of whom has significant experience in providing quality and cost effective school transportation services for students with handicapping conditions. Each team member brings unique experiences in support of this review.

Richard Labrie, M.Ed.
Senior Transportation Consultant/Principal

Mr. Labrie has more than thirty-five years in education leadership in Massachusetts with particular expertise in transportation-related issues. Mr. Labrie was the executive director for the Lower Pioneer Valley Educational Collaborative (LPVEC), a Massachusetts based collaborative and has consulted extensively with school districts and public organizations across the country relative improving school transportation delivery systems and increased efficiencies. The reader is referred to Appendix A for Mr. Labrie's resume.

In addition, to educational consulting services, Mr. Labrie has provided a variety of transportation related workshops. Among them are:

- Transportation Bidding and Contracting for the State Inspector General's Office and the State Attorney General's Office
- Massachusetts Association of School Business Officials (MASBO)
- The Massachusetts Association of School Committees (MASC) and the Massachusetts Association of School Superintendent (MASS)
- School Finance for State Licensure for School Business Administrators.

He has also contributed to several publications, including a "Special Education Transportation: Why It is Expensive and What Can Be Done to Reduce the Cost".

**Crystal Fairman, M.B.A.
Transportation Associate**

Ms. Fairman has over 25 years of school transportation experience. She has utilized a variety of computer routing software programs and is considered an expert user for VersaTrans RP. From 1996 until 2008 she was the Transportation Coordinator for the Lower Pioneer Valley Educational Collaborative and responsible for routing and scheduling of over 14,000 students daily, 2,000 of whom were special education students. Most recently she was employed as a Location Manager for First Student in Connecticut. Since 1996, she has consulted and provided technical assistance for a variety of transportation projects nationwide. The reader is referred to Appendix A for Ms. Fairman's resume.

Timeline

The timeline for the provision of these services would be from September 1, 2016 through December 31, 2016, with a recommendation for contract award by January 1, 2017. Project support and technical assistance will be ongoing through contract negotiation and signing.

Cost* **

The cost of these services as outlined will be \$500 per day plus travel and other expenses directly attributable to this project. The total cost of which shall not exceed \$10,000 with progress payments paid upon invoice and evidence of satisfactory progress.

*Assumes full and complete cooperation from transportation and special education staff, contractors and District management

**Any additional work outside of the scope of work will be billed at the above rates and will be approved in advance by the District

The District will be responsible for the cost of the Ch. 30B required legal notice newspaper advertising.

I am pleased to provide this proposal and am confident that we will be able to develop a strategy to provide school transportation services that are cost effective, competitive and advantageous to the Blackstone-Millville Regional School District.

For your information, I have attached copies of my resume as well as our recent client list and references.

If I can answer any questions with regard to the proposed scope of work or cost, or if additional information is necessary, please do not hesitate to contact me. References can be provided if required.

Respectfully,

Richard G. Labrie

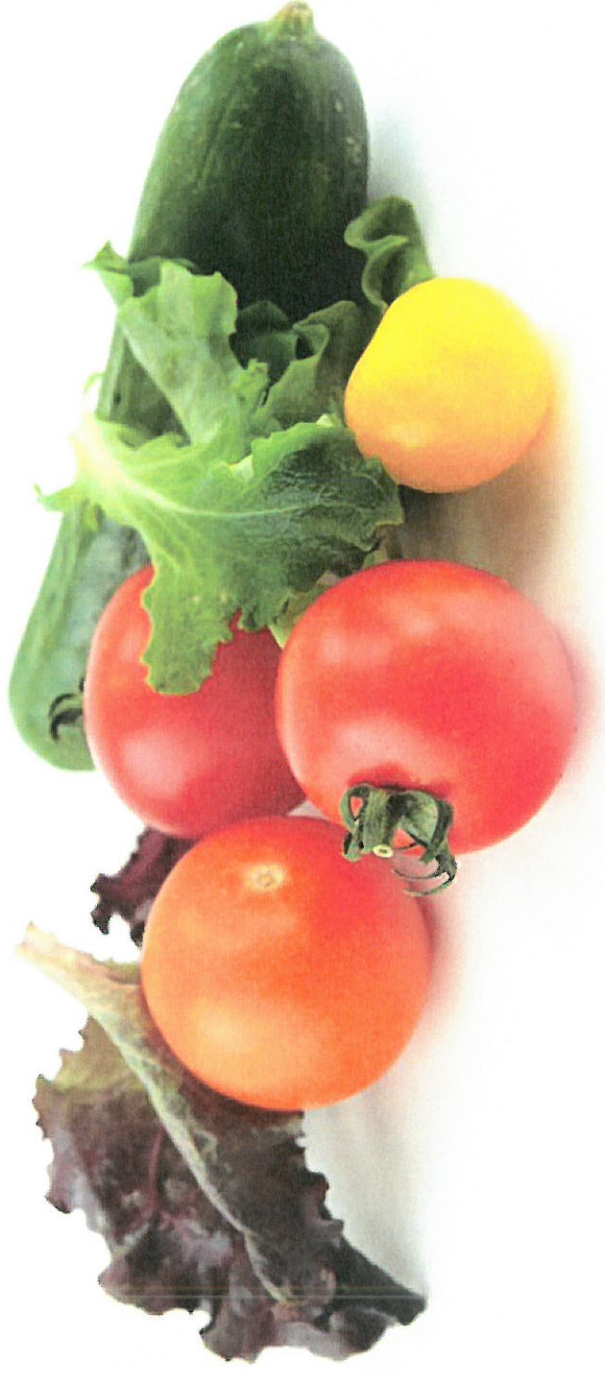
Richard G. Labrie
Principal

Accepted: _____ Date: _____, 2016
For Blackstone-Millville Regional School District



BMRRSD SCHOOL NUTRITION

A YEAR IN REVIEW





THE BEST STAFF



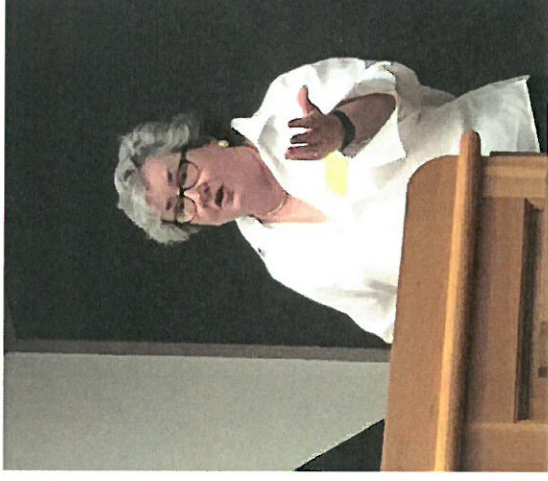
Professional Standards

RACHEL, DENISE, PATTY



**I earned my SNA
Certificate in School
Nutrition!**



**SELECTED AS ONE OF TOP 5
SCHOOL NUTRITION DIRECTOR'S IN
THE COUNTRY**



Presenting at Harvard

 **WE CELEBRATE:**

**CELEBRATING OUR SUPER LUNCH HERO
NOMINEES EACH DAY THIS WEEK**



★ Patty Rodriguez
Millsville Elementary ★



 WE CELEBRATE:





We Give Back:



**MAKING IT
COUNT**

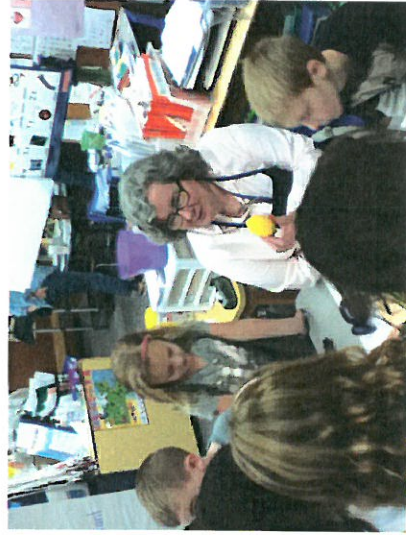
**WE ARE A FILMING
SITE FOR UMASS
AMHERST**

**Presenting
with Mr.
Cameron at
Gillette
Stadium on
our **SECOND
CHANCE
BREAKFAST
MODEL****





IN THE SCHOOLS





FUN FACTS

- We serve 180,000 school lunches & 32,000 school breakfasts this year.
- Our Free and Reduced percentage is 33% it was 19% 5 years ago
- We are fully self funded, including benefit costs
- We spent \$19,000 in new equipment & \$11,000 in equipment maintenance this year
- We aced our DESE Program Review

BMRSD Food Service Meals		Report 2016		Lunch	
May-16	May-15	Year to Date	Actual	Prior Year to Date	Actual
12,490	12,981	98,793	102,627	8,738	53,357
926	1,012	7,260	8,738	2,156	
7,485	6,918	57,236	7,485	166,878	77.2%
252	272	1,744	2,156		
21,153	21,183	165,033	166,878		
2,935	2,268	19,728	16,898		
94	121	589	695		
3,029	2,389	20,317	17,592		8.1%
1,503	1,766	10,971	12,770		
148	226	1,537	1,794		
2,526	2,454	16,715	16,996		14.6%
4,177	4,446	29,223	31,560		
28,359	28,018	214,573	216,030		
28,359	28,018	214,573	216,030		
Actual	Actual	Actual	Actual	Prior Year to Date	Actual
\$1,951.90	\$1,836.30	\$14,315.60	\$13,281.25		
\$35,041.67	\$36,426.02	\$276,813.67	\$288,473.92		
\$11,241.35	\$8,687.00	\$75,560.51	\$64,719.17		
\$360.42	\$341.25	\$2,257.61	\$2,237.45		
\$0.00	\$0.00	\$0.00	\$0.00		
\$48,595.34	\$47,290.57	\$368,947.39	\$368,711.79		
Liability					
Money on Account					
Negative balances					
May-16	May-15	Year to Date	Prior Year to Date		
\$23,017.12	\$24,408.85	\$180,296.77	\$195,505.70		
\$25,321.36	\$22,479.45	\$205,072.67	\$183,982.14		
\$0.00	\$0.00	\$-	\$0.00		
\$0.00	\$0.00	(231.45)	\$0.00		
\$48,338.48	\$46,888.30	\$385,137.99	\$379,487.84		58.6%
Reimbursements					
\$1,254.06	\$1,202.33	\$9,962.32	\$9,471.18		
\$35,313.27	\$34,282.44	\$266,364.01	\$257,141.71		
\$0.00	\$0.00	\$1,101.92	\$1,155.02		41.4%
\$36,567.33	\$35,484.77	\$277,428.25	\$267,767.91		
TOTAL REVENUE					
\$84,905.81	\$82,373.07	\$662,566.24	\$647,255.75		
Production Expenses:					
May-16	May-15	Year to Date	Prior Year to Date		
\$24,304.94	\$12,937.84	\$208,814.31	\$198,300.66		
\$7,100.65	\$759.89	\$3,924.08	\$20,314.03		
\$53.14	\$33.82	\$4,100.22	\$3,227.61		
\$31,458.73	\$13,663.91	\$246,838.61	\$221,842.30		34.3%
\$2,641.92	\$1,760.58	\$24,225.83	\$19,649.54		3.0%
0.0%	\$50.00	\$300.00	\$0.0%		0.0%
\$34,100.65	\$15,474.49	\$271,064.44	\$241,791.84		37.4%
\$0.00	\$0.00	\$45,788.66	\$49,792.45		
\$26,607.87	\$25,480.65	\$35,232.57	\$30,100.75		
\$582.50	\$995.00	\$6,695.00	\$6,915.00		
\$30,102.35	\$28,984.03	\$330,696.16	\$316,590.92		48.9%
Other Labor Costs					
\$79.42	\$69.63	\$508.63	\$551.75		
\$172.48	\$96.48	\$1,500.43	\$949.36		
\$0.00	\$0.00	\$0.00	\$0.00		
\$60.00	\$200.00	\$1,850.00	\$1,650.01		
\$194.03	\$0.00	\$440.03	\$1,102.04		
\$0.00	\$0.00	\$32.95	\$423.81		
\$0.00	\$0.00	\$1,000.00	\$5,698.31		
\$163.62	\$15.84	\$19,155.94	\$4,265.96		
\$0.00	\$1,798.00	\$0.00	\$0.00		
\$45.00	\$45.00	\$10,863.12	\$14,298.50		
\$275.15	\$266.20	\$3,907.99	\$3,964.88		
\$194.03	\$0.00	\$440.03	\$1,102.04		
\$0.00	\$0.00	\$32.95	\$423.81		
\$0.00	\$0.00	\$1,000.00	\$5,698.31		
\$172.48	\$96.48	\$1,500.43	\$949.36		
\$47.63	\$47.22	\$486.54	\$130.12		
\$1,037.33	\$2,538.37	\$40,045.63	\$33,034.73		5.1%
Total Other Program Costs					
\$65,240.33	\$46,996.89	\$641,806.23	\$591,477.49		91.4%
Total Production Expenses					
\$19,665.48	\$35,376.18	\$20,760.01	\$55,838.26		
Net Profit					
21	21	164	160		
Operating Days					

BMRSD P&L Report 2016

	Totals	%	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
School Deposit	\$ 180,296.77	46.8%	\$ 25,793.43	\$ 22,973.73	\$ 17,672.62	\$ 15,860.41	\$ 20,569.92	\$ 14,526.91	\$ 22,975.55	\$ 16,907.08	\$ 23,017.12	
My Nutrikids Deposits	\$ 205,072.67	53.2%	\$ 28,880.01	\$ 23,778.45	\$ 20,272.29	\$ 20,980.05	\$ 21,924.34	\$ 17,032.72	\$ 27,620.60	\$ 19,262.85	\$ 25,321.36	
Grants		0.0%										
refunds	\$ (231.45)	0.0%				\$ (214.15)	\$ (17.30)					
Sub-Total Revenue	\$ 385,137.99		\$ 54,673.44	\$ 46,752.18	\$ 37,944.91	\$ 36,626.31	\$ 42,476.96	\$ 31,559.63	\$ 50,596.15	\$ 36,169.93	\$ 48,338.48	\$ -

Reimbursements

Reimbursement-State	\$ 9,962.32	1.5%	\$ 1,134.36	\$ 1,261.22	\$ 1,029.96	\$ 1,019.20	\$ 1,062.10	\$ 887.32	\$ 1,321.22	\$ 992.88	\$ 1,254.06	
Reimbursement-Federal	\$ 266,364.01	40.2%	\$ 29,810.80	\$ 33,090.68	\$ 28,798.02	\$ 27,504.77	\$ 28,113.28	\$ 22,555.28	\$ 34,341.09	\$ 26,836.82	\$ 35,313.27	
Adjustments DOE	\$ 1,101.92	0.2%	\$ 1,101.92									
Total Reimbursements	\$ 277,428.25	41.9%	\$ 32,047.08	\$ 34,351.90	\$ 29,827.98	\$ 28,523.97	\$ 29,175.38	\$ 23,442.60	\$ 35,662.31	\$ 27,829.70	\$ 36,567.33	\$ -

TOTAL REVENUE	\$ 662,566.24		\$ 86,720.52	\$ 81,104.08	\$ 67,772.89	\$ 65,150.28	\$ 71,652.34	\$ 55,002.23	\$ 86,258.46	\$ 63,999.63	\$ 84,905.81	\$ -
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Production Expenses:

	Totals	%	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Food	\$ 108,814.31		\$ 25,705.90	\$ 27,728.37	\$ 28,320.20	\$ 21,516.64	\$ 17,735.90	\$ 22,431.92	\$ 16,032.55	\$ 25,037.89	\$ 24,304.94	
Non program Food	\$ 33,924.08		\$ 3,640.35	\$ 3,359.47	\$ 3,914.69	\$ 3,032.96	\$ 3,382.18	\$ 2,296.84	\$ 2,812.46	\$ 4,384.48	\$ 7,100.65	
Commodity Food	\$ 4,100.22		\$ 603.51	\$ 576.63	\$ 529.20	\$ 673.32	\$ -	\$ 852.91	\$ 352.34	\$ 459.17	\$ 53.14	
Food Purchases	\$ 246,838.61	37.3%	\$ 29,949.76	\$ 31,664.47	\$ 32,764.09	\$ 25,222.92	\$ 21,118.08	\$ 25,581.67	\$ 19,197.35	\$ 29,881.54	\$ 31,458.73	\$ -
Paper-cleaning	\$ 24,225.83	3.7%	\$ 3,643.42	\$ 2,327.44	\$ 4,193.79	\$ 2,610.55	\$ 2,065.40	\$ 1,904.04	\$ 1,817.45	\$ 3,021.82	\$ 2,641.92	
Total Product Costs	\$ 271,064.44	40.9%	\$ 33,593.18	\$ 33,991.91	\$ 36,957.88	\$ 27,833.47	\$ 23,183.48	\$ 27,485.71	\$ 21,014.80	\$ 32,903.36	\$ 34,100.65	\$ -
Benefits	\$ 45,788.66	6.9%	\$ 14,439.99	\$ 4,487.13	\$ 4,487.13	\$ 4,487.13	\$ 4,487.13	\$ 4,487.13	\$ 4,080.02	\$ 4,080.02	\$ 4,080.02	
Payroll Director	\$ 35,232.57	5.3%	\$ 11,836.21	\$ 2,911.98	\$ 1,455.99	\$ 2,911.98	\$ 2,911.98	\$ 2,911.98	\$ 4,367.97	\$ 3,012.50	\$ 2,911.98	
Payroll Staff	\$ 242,979.93	36.7%	\$ 27,765.22	\$ 26,215.45	\$ 25,899.39	\$ 28,285.26	\$ 21,433.08	\$ 25,261.73	\$ 37,969.93	\$ 23,542.00	\$ 26,607.87	
Payroll Subs	\$ 6,695.00	1.0%	\$ 470.00	\$ 490.00	\$ 1,450.00	\$ 892.50	\$ 425.00	\$ 845.00	\$ 625	\$ 915.00	\$ 582.50	
Total Labor Costs	\$ 330,696.16	49.9%	\$ 54,511.42	\$ 34,104.56	\$ 33,292.51	\$ 36,576.87	\$ 29,257.19	\$ 33,505.84	\$ 47,795.90	\$ 31,549.52	\$ 30,102.35	\$ -

Other Program Costs	\$ 508.63		\$ 49.76	\$ 54.51	\$ 49.46	\$ 58.47	\$ 57.29	\$ 44.45	\$ 62.51	\$ 52.76	\$ 79.42	
Sales Tax	\$ 3,907.99		\$ 3,907.99	\$ 603.78	\$ 550.92	\$ 522.38	\$ 637.00	\$ 504.13	\$ 417.25	\$ 397.38	\$ 275.15	
Freight and postage	\$ 10,863.12		\$ 6,514.03	\$ 45.00	\$ 992.44	\$ 856.18	\$ 1,645.16	\$ 675.31	\$ 45.00	\$ 45.00	\$ 45.00	
Maintenance	\$ 19,155.94		\$ 13,576.99	\$ 489.22	\$ 122.94		\$ 164.26		\$ 3,996.41	\$ 642.50	\$ 163.62	
New Equipment	\$ 332.95		\$ 332.95	\$ 1,000.00								
Maint. Renewal	\$ 440.03		\$ 94.00				\$ 101.98	\$ 102.00	\$ 50.00	\$ -	\$ 194.03	
Office Supplies	\$ 1,850.00		\$ 115.36	\$ 148.96	\$ 143.36	\$ 136.27	\$ 379.12	\$ 193.48	\$ 40.32	\$ 171.08	\$ 172.48	
Promotion	\$ -		\$ -	\$ 47.26	\$ 344.1	\$ -	\$ 47.55		\$ 174.00	\$ -	\$ 47.63	
PD/Training	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Uniforms	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Travel/Dues	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
postage +Other	\$ 486.54		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Total Other Program Costs	\$ 40,045.63	6.0%	\$ 21,581.11	\$ 1,388.73	\$ 3,467.22	\$ 1,729.30	\$ 3,228.36	\$ 1,519.37	\$ 4,785.49	\$ 1,308.72	\$ 1,037.33	\$ -

Total Production Expense	\$ 641,806.23	96.9%	\$ 109,685.71	\$ 69,485.20	\$ 73,717.61	\$ 66,139.64	\$ 55,669.03	\$ 62,510.92	\$ 73,596.19	\$ 65,761.60	\$ 65,240.33	\$ -
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Net Profit	\$ 20,760.01	3.1%	\$ (22,965.19)	\$ 11,618.88	\$ (5,944.72)	\$ (889.36)	\$ 15,983.31	\$ (7,508.69)	\$ 12,662.27	\$ (1,761.97)	\$ 19,665.48	\$ -
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Operating Days	164	19	20	18	17	14	21	16	21
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Costs Per Meal:												
Total Food \$	\$ 246,838.61		\$ 29,949.76	\$ 31,664.47	\$ 32,764.09	\$ 25,222.92	\$ 21,118.08	\$ 25,581.67	\$ 19,197.35	\$ 29,881.54	\$ 31,458.73	\$ 0.00
Food Cost per Meal	\$ 1.16		\$ 1.25	\$ 1.19	\$ 1.58	\$ 1.15	\$ 0.94	\$ 1.38	\$ 0.69	\$ 1.36	\$ 1.11	#DIV/0!
Total Labor \$	\$ 330,696.16		\$ 54,511.42	\$ 34,104.56	\$ 33,292.51	\$ 36,576.87	\$ 29,257.19	\$ 33,505.84	\$ 47,795.90	\$ 31,549.52	\$ 30,102.35	\$ 0.00
Labor Cost per Meal	\$ 1.56		\$ 2.28	\$ 1.28	\$ 1.67	\$ 1.67	\$ 1.30	\$ 1.80	\$ 1.71	\$ 1.44	\$ 1.06	#DIV/0!
Paper/Cleaning/Other	\$ 64,271.46		\$ 25,224.53	\$ 3,716.17	\$ 7,661.01	\$ 4,339.85	\$ 5,293.76	\$ 3,423.41	\$ 6,602.94	\$ 4,330.54	\$ 3,679.25	\$ 0.00
Other Cost per Meal	\$ 0.30		\$ 1.05	\$ 0.14	\$ 0.37	\$ 0.20	\$ 0.23	\$ 0.18	\$ 0.24	\$ 0.20	\$ 0.13	#DIV/0!
Total Expenses	\$ 641,806.23		\$ 109,685.71	\$ 69,485.20	\$ 73,717.61	\$ 66,139.64	\$ 55,669.03	\$ 62,510.92	\$ 73,596.19	\$ 65,761.60	\$ 65,240.33	\$ 0.00
Total Cost per Meal	\$ 3.02		\$ 4.58	\$ 2.61	\$ 3.55	\$ 3.02	\$ 2.47	\$ 3.37	\$ 2.63	\$ 2.99	\$ 2.30	#DIV/0!

BMRSD 2015-2016 End of Year Report

Finance

FY16 Expenditure Budget Status

Attached is a year to date Expense Budget Report as of June 9, 2016. See Attachment A

Budget	\$21,791,340
Expended To Date	\$19,022,388
Encumbered	\$2,750,409
Remaining	\$18,543

The status was showing a small positive balance. The functions are projected to finish the year above budget continue to be Instruction and SPED out of district placement.

Based on current projection we will end the fiscal year on budget. This is an initial projection at this point and the year-end balance will be reassessed a number of times over the next three weeks.

The fiscal year close will be done on 6/30. And the District can make adjustments up to July 11th. Transfers and adjustments will be submitted to the School Committee at the meeting on July 11th 2016.

FY16 Revenue Budget Status

Attached is a year to date Revenue Budget Report as of June 9, 2016. See Attachment B. Total revenue were \$21,853,360.

Local Revenue	\$11,147,355
State Revenue	\$10,028,794
Other Revenue	\$677,211

SPED Transportation

BICO Transportation Network for OOD Placement

- The District joined BICO transportation network this year. Van Pool was selected as the single vendor to BICO. The District budgeted 8% cost saving from route share with neighboring communities.
- BICO will be renting 3 more BMR classrooms in year 2016-2017, which will reduce the cost of transporting students to out of district BICO classrooms.
- Van Pool will be transporting student to ESY programs starting July 5th. It gives all the parties opportunities to test and adjust for next school year OOD transportation.

Lease-to-purchase a Wheelchair Van for In-District Transportation

- Ford Transit 350 with one wheelchair system plus 7 seating positions. See Attachment C(Floor Plan, Quote, FIN grant)



- 5 years lease to purchase at \$839/month for 60 months

WheelChair Van Cost Breakdown	
Lease - Monthly \$839	\$ 10,068.00
Title - One time	\$ 75.00
Registration - Every two years	\$ 40.00
MA Inspection - Yearly	\$ 35.00
7D Inspection- Twice a year	\$ 70.00
Maintenance 7-10 cents/Mile	\$ 200.00
Insurance Est.	\$ 2,500.00
OT Driver Est.	\$ 2,000.00
	\$ 14,988.00

Regular Transportation

- Propose fifth year extension to current contract with 3 less routes based on actual ridership. (Updated by Mr. Richard Labrie)

Health Insurance Renewal

- January 2016 – Senior Supplemental Plan renewal see attachment D
Currently the District has
 - 65 Medex Individual
 - 60 Medex 2 Person
 - 1 Managed Blue subscribers
- July 2016 - Active Employee Plan BCBS HMO and PPO see attachment D
 - PPO 7.16% with change
 - HMO Benchmark Plan 5.8% with Change
 - New HMO custom Network 1.8%
- July open enrollment summary

Plan/Change	Individual	2 Person	Family
HMO	59	49	81
PPO	23	7	3
Added HMO F	0	0	1
PPO Family Switched to HMO Family	0	0	1
HMO switched to New Limited Plan	2	2	1

- Budget 6% increase on district share premium
- Dental Insurance is locked for one more year through 6/30/2017
- Life Insurance is locked for one more year through 6/30/2017
- Launched two Wellness programs (Yoga and Eat Healthy)

Capital Project

- RHS Roof Project and MES Roof Project are in the phase of closing out.
- Three BANs rollovers in November, February and April. Two of the three rollovers the BANs interest were picked up by OPM and General Contractor.
- UFASI recommends that the District reduce the amount of outstanding BANs and issue another short-term note. USAFI will put together a financing scenario based upon the projected share for the District for the roof projects.

Other Updates

- FY17 Budget
- FY15 Audit

More to come

- FY16 fiscal close
- End of the year report (DOR and DESE)
- Student activity policy/procedure and audit
- Business Office policies and procedures

Thank you.

CA

**Blackstone-Millville Regional School District
Expenditure Report As Of June 9th, 2016**

Function	Function-BS	Description	Budget	Expended		Remaining
				To Date	Encumbered	
1000 Administration						
	1110 FUNC: SCHOOL COMMITTEE - 1110	School Committee	\$ 89,100	\$ 55,399	\$ 16,000	\$ 17,701
	1210 FUNC: SUPERINTENDENT'S OFFICE - 1210	Superintendent	\$ 485,773	\$ 467,755	\$ 17,626	\$ 392
	1220 FUNC: ASSISTANT SUPERINTENDENT - 1220	Assistant Superintendent	\$ 123,300	\$ 118,558	\$ 4,742	\$ -
	1230 FUNC: OTHER DISTRICT WIDE ADMINISTRATION - 1230	Other District-wide Administration	\$ -	\$ -	\$ -	\$ -
	1410 FUNC: BUSINESS OFFICE - 1410	Administrative Support	\$ -	\$ 1,816	\$ -	\$ (1,816)
	1430 FUNC: LEGAL SERVICES - 1430	Legal Services	\$ 36,800	\$ 13,529	\$ 13,259	\$ 10,013
	1450 FUNC: DISTRICTWIDE INFO MANAGEMENT & TECHNOLOGY	District-Wide Information Services	\$ 245,424	\$ 195,476	\$ 3,091	\$ 46,857
	1000 Administration Total		\$ 980,397	\$ 852,533	\$ 54,718	\$ 73,146
2000 Instruction						
	2110 FUNC: DIRECTOR - CURRICULUM/SPECIAL ED - 2110	District-Wide Directors	\$ 159,790	\$ 152,301	\$ 6,314	\$ 1,175
	2210 FUNC: PRINCIPALS OFFICE - 2210	Principals & Vice Principals	\$ 954,639	\$ 894,908	\$ 49,697	\$ 10,034
	2220 FUNC: SCHOOL CURRICULUM LEADERS - 2220	Curriculum Leaders	\$ 15,750	\$ 15,300	\$ -	\$ 450
	2305 FUNC: INSTRUCTION CLASSROOM TEACHERS - 2305	Instructional Teachers	\$ 8,394,685	\$ 6,809,916	\$ 1,512,089	\$ 72,680
	2315 FUNC: INSTRUCTIONAL COORDINATORS - 2315	Team Leaders	\$ 34,420	\$ 3,775	\$ -	\$ 30,645
	2320 FUNC: MEDICAL/THERAPUTIC SERVICES - 2320	Medical/Therapeutic Services	\$ 534,239	\$ 469,421	\$ 124,427	\$ (59,610)
	2325 FUNC: TEACHING SUBS - 2325	Substitutes	\$ 208,511	\$ 340,735	\$ 23,342	\$ (155,566)
	2330 FUNC: INSTRUCTIONAL ASSISTANTS - 2330	Paraprofessionals	\$ 808,870	\$ 762,787	\$ 42,341	\$ 3,742
	2340 FUNC: MEDIA CENTER - 2340	Librarians and Media	\$ 26,375	\$ 37,832	\$ 2,332	\$ (13,789)
	2357 FUNC: PROFESSIONAL DEVELOPMENT GENERAL EXPENSE	Professional Development-Other	\$ 132,650	\$ 89,386	\$ 841	\$ 42,423
	2410 FUNC: TEXTBOOKS AND RELATED MATERIALS - 2410	Textbooks	\$ 28,521	\$ 12,162	\$ -	\$ 16,359
	2415 FUNC: MEDIA CENTER INSTRUCTION MATERIALS - 2415	Other Instruct. Material	\$ 2,300	\$ 1,945	\$ -	\$ 355
	2420 FUNC: INSTRUCTIONAL EQUIPMENT - 2420	Instructional Equipment	\$ 2,600	\$ 699	\$ -	\$ 1,901
	2430 FUNC: GENERAL SUPPLIES - 2430	General Supplies	\$ 85,852	\$ 75,604	\$ 331	\$ 9,917
	2440 FUNC: OTHER INSTRUCTIONAL SERVICES - 2440	Instructional Other Services	\$ 113,531	\$ 124,060	\$ 31,585	\$ (42,114)
	2710 FUNC: GUIDANCE - 2710	Guidance	\$ 563,681	\$ 490,966	\$ 88,964	\$ (16,249)
	2800 FUNC: PSYCHOLOGICAL SERVICES - 2800	Psychological Services	\$ 142,448	\$ 120,803	\$ 18,031	\$ 3,615
	2000 Instruction Total		\$ 12,208,862	\$ 10,402,600	\$ 1,900,293	\$ (94,032)
3000 Other School Services						
	3200 FUNC: HEALTH SERVICES - 3200	Doctors & Nursing Services	\$ 273,491	\$ 227,921	\$ 48,797	\$ (3,226)
	3300 FUNC: PUPIL TRANSPORTATION - 3300	Transportation Services	\$ 1,707,161	\$ 1,527,936	\$ 233,937	\$ (54,711)
	3510 FUNC: ATHLETICS - 3510	Athletic Programs	\$ 251,218	\$ 191,019	\$ 14,171	\$ 46,029
	3515 FUNC: MUSIC - 3515	Music Program-HS	\$ 134,097	\$ 104,963	\$ 8,822	\$ 20,311
	3000 Other School Services Total		\$ 2,365,967	\$ 2,051,839	\$ 305,726	\$ 8,402

CA

**Blackstone-Millville Regional School District
Expenditure Report As Of June 9th, 2016**

Function	Function-BS	Description	Budget	Expended To Date	Encumbered	Remaining
4000 Operations and Maintenance						
	4110 FUNC: CUSTODIAL SERVICES - 4110	Custodial Services	\$ 727,150	\$ 703,265	\$ 25,612	\$ (1,728)
	4120 FUNC: HEATING OF BUILDINGS - 4120	Heating	\$ 278,440	\$ 267,594	\$ 27,549	\$ (16,702)
	4130 FUNC: UTILITY SERVICES - 4130	Utilities	\$ 360,639	\$ 354,845	\$ 10,506	\$ (4,713)
	4210 FUNC: MANAGEMENT OF GROUNDS - 4210	Maintenance of Grounds	\$ 76,090	\$ 24,275	\$ 3,052	\$ 48,763
	4220 FUNC: MANAGEMENT OF BUILDINGS - 4220	Maintenance of Buildings	\$ 179,673	\$ 151,320	\$ 8,310	\$ 20,043
	4230 FUNC: MAINTENANCE OF EQUIPMENT - 4230	Maintenance of Equipment	\$ 106,171	\$ 113,333	\$ 10,436	\$ (17,599)
	4300 FUNC: Extraordinary Maintenance - 4300	Extraordinary Maintenance	\$ 615	\$ 619	\$ -	\$ (4)
	4400 FUNC: NETWORK AND TELECOMMUNICATIONS - 4400	Networking & Telecommunication	\$ 337,274	\$ 337,927	\$ 5,645	\$ (6,299)
	4000 Operations and Maintenance Total		\$ 2,066,052	\$ 1,953,179	\$ 91,111	\$ 21,762
5000 Fixed Charges						
	5100 FUNC: EMPLOYEE RETIREMENT - 5100	Retirements	\$ 509,956	\$ 479,852	\$ 34,789	\$ (4,685)
	5200 FUNC: INSURANCE EMPLOYEES ACTIVE - 5200	Insurance/Benefits Programs	\$ 3,236,828	\$ 3,005,978	\$ 139,298	\$ 91,551
	5260 FUNC: OTHER NON-EMPLOYEE INSURANCE - 5260	Non Employee Insurance	\$ 8,581	\$ 8,710	\$ -	\$ (129)
	5000 Fixed Charges Total		\$ 3,755,365	\$ 3,494,540	\$ 174,087	\$ 86,737
7000 Acquisition of Fixed Assets						
	7400 FUNC: EQUIPMENT - 7400	Equipment Replacement	\$ 2,100	\$ 1,890	\$ -	\$ 210
			\$ 2,100	\$ 1,890	\$ -	\$ 210
9000 Programs with Other Systems						
	9100 FUNC: PROGRAMS IN OTHER PUBLIC SCHOOLS - 9200	Public School Tuition	\$ -	\$ -	\$ -	\$ -
	9200 FUNC: PROGRAMS WITH DISTRICTS IN OTHER STATES - 9	Out of State Tuitions	\$ 75,555	\$ 61,128	\$ 12,226	\$ 2,201
	9300 FUNC: PROGRAMS WITH NON-PUBLIC SCHOOLS - 9300	Non-Public School Tuition	\$ 288,100	\$ 178,795	\$ 75,555	\$ 33,750
	9400 FUNC: PAYMENTS TO COLLABORATIVES - 9400	Collaborative Tuitions	\$ 48,942	\$ 25,883	\$ 136,693	\$ (113,634)
	9000 Programs with Other Systems Total		\$ 412,597	\$ 265,807	\$ 224,473	\$ (77,683)
GRAND TOTAL			\$ 21,791,340	\$ 19,022,388	\$ 2,750,409	\$ 18,543

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**Blackstone-Millville Regional School District
Statement of Revenue
As of June 9th, 2016**

Local Revenue Sources	Budget/Proj	Received	Anticipated	Overage/(Shortage)
Blackstone-Transportation			\$ -	\$ -
Blackstone-Foundation	\$ 7,866,375	\$ 7,866,375	\$ -	\$ -
Blackstone-Community Service			\$ -	\$ -
Blackstone-Debt Service	\$ 502,090	\$ 502,090	\$ -	\$ -
Blackstone-Stabilization			\$ -	\$ -
Millville-Transportation			\$ -	\$ -
Millville Foundation	\$ 2,561,790	\$ 2,561,790	\$ -	\$ -
Millville-Community Service			\$ -	\$ -
Millville-Debt Service	\$ 217,100	\$ 217,100	\$ -	\$ -
Millville-Stabilization			\$ -	\$ -
	\$ 11,147,355	\$ 11,147,355	\$ -	\$ -

State Revenue Sources	Budget/Proj	Received	Anticipated	Overage/(Shortage)
Chapter 70	\$ 10,729,596	\$ 9,835,463	\$ 894,133	\$ -
Intergov't Receivable-School Choice	\$ (257,832)	\$ (217,635)	\$ (40,197)	\$ -
Transportation-Chapter 71B	\$ 450,925	\$ 243,558	\$ 207,367	\$ -
Circuit Breaker	\$ 334,817	\$ 167,408	\$ 167,409	\$ -
Transportation-Homeless			\$ -	\$ -
	\$ 11,257,506	\$ 10,028,794	\$ 1,228,712	\$ -

Other Revenue Sources	Budget/Proj	Received	Anticipated	Overage/(Shortage)
Interest on Investments	\$ 4,000	\$ 1,000	\$ 3,000	\$ -
Medicaid Reimbursements	\$ 60,000	\$ 118,141	\$ (58,141)	\$ -
Preschool Tuition	\$ 70,000	\$ 65,000	\$ 5,000	\$ -
Athletic Admissions	\$ 5,000	\$ 1,820	\$ 3,180	\$ -
Student Fees	\$ 65,000	\$ 63,815	\$ 1,185	\$ -
Building Use	\$ 3,000	\$ 2,000	\$ 1,000	\$ -
Rental of Classrooms	\$ 33,913	\$ 25,434.75	\$ 8,478	\$ -
Additional Appropriations			\$ -	\$ -
Excess & Deficiency	\$ 400,000	\$ 400,000	\$ -	\$ -
	\$ 640,913	\$ 677,211	\$ (36,298)	\$ -

Total	\$ 23,045,774	\$ 21,853,360	\$ 1,192,414	\$ -
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Shop Approval: _____

Quality Van Sales, Inc.
Production Order

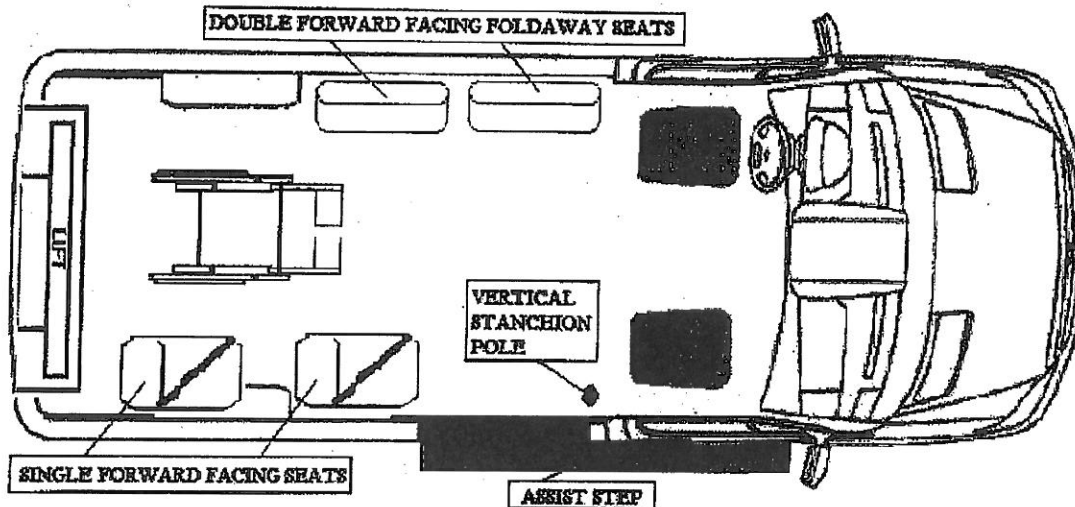
Customer: Blackstone/Millville Reg. HS

Chassis: 2016 Ford T350 MR

Quote By: Lori-Beth Schofield

Stock #: Q-4712

Vin# 1FDZX2CM9GKA75223



CONVERSION EQUIPMENT

Flooring

- 1 3/4" Steel Reinforced Plywood
- 1 Gray Altro Rubber

Interior Finish

- 1 Deluxe OEM Headliner & Walls
- 1 Braun Fully Automatic Wheelchair Lift With Interlock

Seating

- 2 Freedman 3Pt Single Rigid Forward Facing
- 2 Freedman 3Pt Double Foldaway-Forward Facing FF

ADA Securement Systems

- 1 Q-Straint Retractable Q-8106-A1 DELUXE L-Track

Safety Equipment

- 1 2 1/2 lb Fire Ext.
- 1 Safety Triangles
- 1 First Aid Kit
- 2 Chock Block (Each)
- 1 Seat Belt Cutter
- 1 Front Red Roof Lights (2)
- 1 School Bus Flip-Up Sign
- 1 Alternating Flasher
- 1 School Bus Decal

Misc

- 1 Full Passenger Side Assist Step
- 1 Vertical Stanchion Pole
- 1 Destination & Delivery
- 1 Q'Straint Storage Bag
- 1 Braun Wheelchair Lift Seatbelt
- 1 Lettering/Numbering per 7D Specs

** Diagram Not To Scale, Intended For Basic Representation of Layout Within Vehicle Specifications, Layouts & Availability of Components Subject To Change

Built by: _____

_____ Customer Initials

Bay: _____

_____ Date Signed

<<>

5/25/2016

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QUALITY VAN SALES, INC.

349 Old Colony Rd.
Norton, MA 02766

(800)408-8550
Fax - (508) 226-3702

Sale Rep: Lori-Beth Schofield

Customer Information:

Blackstone Millville Regional High School
175 Lincoln St.
Blackstone, MA 01504
Attn: Wen Cobb

Phone: 508-876-0115
Fax: wcobb@bmrds.net

Pricing for T350 Medium Roof

Net Total	\$	50,218.00
Total Rebates Available	\$	7,800.00
Net After Applicable Rebates	\$	42,418.00
Additional Discounts	\$	545.00
FINAL COST	\$	41,873.00

Quotes reflect current Ford rebate program - prices subject to change

We Propose hereby to furnish material and labor - complete in accordance with the above specifications, for the sum of:

Dollars \$ 41,873.00

Payment to be made as follows:

10% Deposit with signed proposal and company P.O. Balance due upon completion.

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from the above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado, and other necessary insurance. Our workers are fully covered by Workman's Compensation Insurance.

Authorized Signature

J. Schofield
5/25/16

Note: This proposal may be withdrawn by us if not accepted within 30 days.

Acceptance of Proposal - The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above. Upon notification of the completion of your vehicle, final payment must be made within 7 days to avoid an automatic \$15/day additional storage fee added to your bill.

Date of Acceptance: _____

Signature: _____

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Open-End Lease Proposal / Order

Blackstone Millville Regional High School

For

2016 Wheel Chair Van

1 Wheel Chair Positions / 6 Rear Passenger

Revised
May 26, 2016

Vehicle: 2016 Ford Transit 350, 148" WB Medium Roof Wheel Chair Van: V-6, Automatic Transmission, Front and Rear Air Conditioning, Power Windows and Door Locks, Power Mirrors, AM/FM Stereo, Back Up Camera & 7D Equipped.

See Attached Seating Configuration & Lift Warranty.

Van Cost:	\$41,873.00
<u>Lease Set Up Fee:</u>	<u>\$600.00</u>
Capitalized Cost:	\$42,473.00

60 Month Residual: \$1.00

Level Payment 60 Months: \$839.00

Ford Warranty Info:

Basic: 36 Month / 36,000 Miles

Powertrain: 60 Month / 60,000 Miles

Roadside Assistance: 60 Month / 60,000 Miles

Signed: _____ Date: _____

Vehicle Lease Order is incorporated in and becomes part of the Master Lease Agreement.

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Kevin Koswick
Director, N.A. Fleet, Lease and
Remarketing Operations

16800 Executive Plaza Drive
Regent Court Building - 6N494
Dearborn, Michigan 48126

April 14, 2016

Mrs. Wen Cobb
Business Manager
Blackstone & Millville Regional S D
175 Lincoln St
Blackstone, MA 01504

Congratulations and welcome!

We are pleased to inform you that your Fleet Identification Number (FIN) has been activated. You made the right choice in registering with Ford Fleet - you will not be disappointed! As a Ford Fleet customer, you and your company will have access to the following exclusive benefits:

- * National Fleet Incentives
- * Limited Production Options
- * Dedicated Fleet Website

Your unique Ford FIN code is: **KX963.** Provide this code to your dealer for all new vehicle purchases.

The enclosed FIN Agreement outlines the program rules and vehicle in-service requirements.

Additionally, as a Ford Fleet customer, you may choose to have access to your own exclusive website! This website offers you information and tools that have been tailored specifically to meet your fleet management needs. By registering for a website user id and password, you will be able to access features (24 hours a day, 7 days a week) such as:

- * Product showroom; including option availability, specifications, brochures and more
- * Advanced notification of new products
- * Ordering center; including order guides, vehicle status and scheduling information
- * Vehicle maintenance and repair information; including warranty information and service publications

Website registration is easy! Your Access Code for website registration is **UHBxAdWR.**

This is a unique Access Code developed specifically for your company. This code will allow you and your employees to register for a user name and password for the Ford Fleet Website. Visit www.fleet.ford.com/register and register today!

Once again, thank you for choosing Ford Fleet. Ford Motor Company is dedicated to providing you with both products and services that are second to none in the industry. We appreciate your business and look forward to working with you. If we can be of further assistance, please contact our Fleet Customer Information Center at 1-800-34-FLEET.

Sincerely,

Attachment

A handwritten signature in black ink that reads "Kevin Koswick".



Fleet Identification Number (FIN) Agreement

Ford Motor Company has issued a Fleet Identification Number (FIN) KX963. to Blackstone & Millville Regional S D based on information obtained on 04/13/2016. By acceptance and usage of this FIN, Blackstone & Millville Regional S D agrees to comply with the following provisions:

We certify that this government agency :

- * Has purchased and registered or leased, for use in its operation, 1 or more new vehicle (any make or model) during the current or proceeding calendar year or model year -or-
- * Currently operates a fleet of 3 or more vehicles (owned or leased) -or-
- * Is qualified by the state agency to purchase off the state contract

Vehicles purchased by us are registered and operated in the 50 United States under the name(s) indicated above. Leasing Companies (dealer/dealership owned and independents), banks, credit unions, financial lending, and other lessors are eligible to receive fleet program benefits only when the leasing company customer (lessee/end user) has qualified and obtained a valid Ford Fleet Identification Number. Both the lessor and the lessee/end user must comply with all program requirements. Vehicles leased to us are registered by us or our lessor; such leased vehicles are operated in the 50 United States by our company.

Government Price Concessions (GPC) may be granted to Ford and Lincoln-Mercury dealers bidding on state or local government contracts involving the sale of cars and Trucks to agencies. Government Price Concessions are not available to leasing companies, competitive make dealers, brokers, joint venture companies or third party arrangements.

We certify and agree that all vehicles purchased or leased by us for which we receive fleet program benefits (including fleet allocation with or without fleet incentives), free or discounted options, or all other fleet allowances will meet all applicable program rules and, unless otherwise provided in applicable program rules, will be kept in service according to the model year's program announcement. (Program announcements are available at <http://www.fleet.ford.com> ->ordering center>incentives.)

We agree to promptly provide to Ford Motor Company and the selling dealer upon request, documentation which supports compliance with the requirements outlined in this agreement. If requested by Ford Motor Company, we also agree to provide access to our records for purposes of audit and review within 20 days of such request. Exporting, brokering, resale, and lease for re-lease are violations of this FIN agreement.

We further understand and agree that if we fail to comply with any one of the above program requirements or those contained in specific program announcements with respect to any vehicle(s) purchased or leased by us using our Ford FIN code, we will pay to Ford Motor Company the value of any fleet or retail program benefits which were paid or credited on such vehicle(s) within 30 days, and that it will subject us to cancellation of our FIN code.

Any and all modifications performed on an incompleated vehicle must comply with all Federal, State and Local rules and regulations.

All information contained in this enrollment is confidential and is treated accordingly. Ford Motor Company will undertake all reasonable efforts to ensure this information is not sold or shared with any person or entity outside of Ford Motor Company.



174 / GOLD
on modification into the passenger seats and the rear door

Blackstone-Milville Regional School District

←C→



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INSURANCE RATES FOR RETIREES 2016-17

July 1, 2016 - June 30, 2017

HMO BLUE NEW ENGLAND - 4035114			
DEDUCTIBLE - INDIVIDUAL \$300 - 2PERSON \$300 per family - Family \$900 per family			
Present Rate		New Rate (increase)	
Individual		Individual	
\$588.98		\$623.14	
ER Share	EE Share	ER Share	EE Share
\$294.49	\$294.49	\$311.57	\$311.57
2 Person		2 Person	
\$1,236.86		\$1,308.60	
ER Share	EE Share	ER Share	EE Share
\$618.43	\$618.43	\$654.30	\$654.30
Family		Family	
\$1,680.95		\$1,778.45	
ER Share	EE Share	ER Share	EE Share
\$840.47	\$840.48	\$889.23	\$889.22
HMO BLUE NEW ENGLAND - 4062328 - NEW PLAN			
DEDUCTIBLE - INDIVIDUAL \$300 - 2PERSON \$300 per family - Family \$900 per family			
Present Rate		New Rate (new plan)	
Individual		Individual	
\$0.00		\$599.58	
ER Share	EE Share	ER Share	EE Share
\$0.00	\$0.00	\$299.79	\$299.79
2 Person		2 Person	
\$0.00		\$1,259.12	
ER Share	EE Share	ER Share	EE Share
\$0.00	\$0.00	\$629.56	\$629.56
Family		Family	
\$0.00		\$1,711.21	
ER Share	EE Share	ER Share	EE Share
\$0.00	\$0.00	\$855.61	\$855.60
PPO BLUE CARE ELECT - 2323437			
DEDUCTIBLE - INDIVIDUAL \$1000 - 2PERSON \$1000 per family - Family \$2500 per family			
Present Rate		New Rate (increase)	
Individual		Individual	
\$695.92		\$745.75	
ER Share	EE Share	ER Share	EE Share
\$347.96	\$347.96	\$372.88	\$372.87
2 Person		2 Person	
\$1,461.44		\$1,566.08	
ER Share	EE Share	ER Share	EE Share
\$730.72	\$730.72	\$783.04	\$783.04

(D)

PPO BLUE CARE ELECT - 2323437 CONT.			
Family		Family	
\$2,214.15		\$2,372.68	
ER Share	EE Share	ER Share	EE Share
\$1,107.08	\$1,107.08	\$1,186.34	\$1,186.34

BCBS DENTAL BLUE - 2284187			
NO DEDUCTIBLE			
Present Rate		New Rate (increase)	
Individual		Individual	
\$42.62		\$42.62	
ER Share	EE Share	ER Share	EE Share
\$21.31	\$21.31	\$21.31	\$21.31
Family		Family	
\$102.90		\$102.90	
ER Share	EE Share	ER Share	EE Share
\$51.45	\$51.45	\$51.45	\$51.45

MEDICAL SUPPLEMENTAL PLAN COMPARISON

January 1, 2016 - December 31, 2016

MANAGED BLUE - 4035115			
Previous Rate		Current Rate	
Individual		Individual	
\$237.76		\$257.44	
ER Share	EE Share	ER Share	EE Share
\$128.72	\$128.72	\$137.35	\$137.35

MEDEX II - 502323437			
Previous Rate		Current Rate	
Individual		Individual	
\$263.54		\$276.46	
ER Share	EE Share	ER Share	EE Share
\$138.23	\$138.23	\$146.87	\$146.86

Memo

To: School Committee
cc: Allen Himmelberger

From: Technology Office

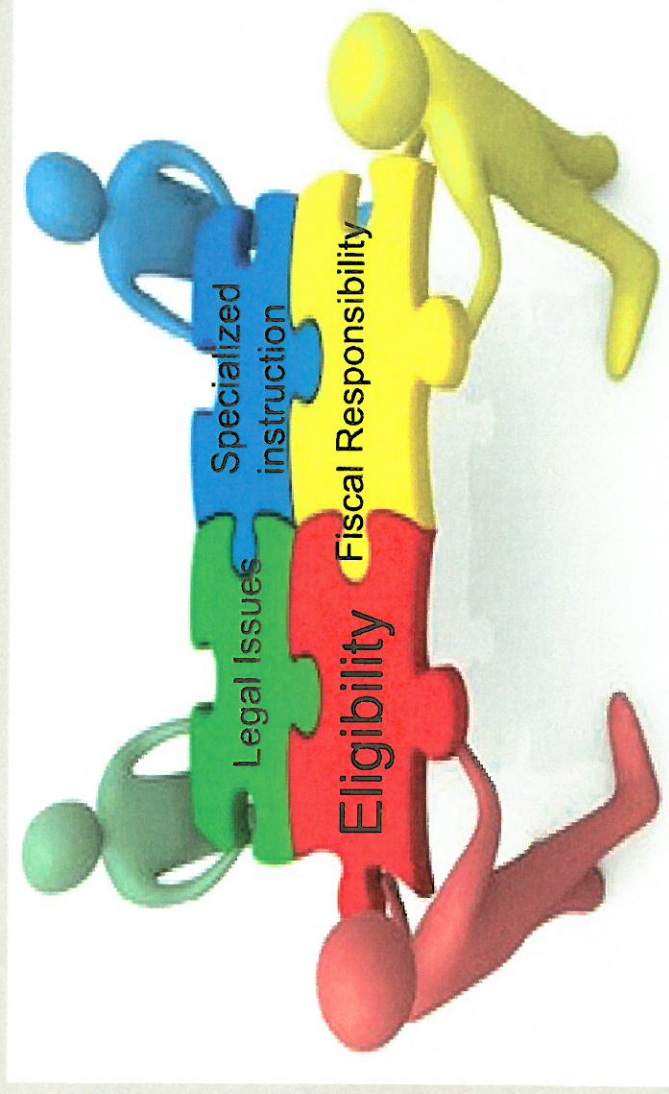
- Final phase of wireless project to be completed when school is out (the last week of June).
- Upgrading all computer labs to thin client solutions. The middle school has become our baseline. Upon completion of the 2015-2016 school year, upgrades will be coming to the high school.
- Replacement of older server hardware with new robust appliances that has given us to the ability scale our need based on applications.
- Project management meetings with outside vendors to discuss construction of a fiber ring connecting all school buildings for greater bandwidth, resiliency, & distance for 2017-2018 year.
- Once fiber ring is built, projecting to move to VOIP phone system, which will allow for additional cost savings (up to 40% on recurring phone costs).
- We will be purchasing eduGear chromebooks at a price point of \$220 (including the management software). We will have the ability to push our firewall policy on these devices when they leave our network.
- Working on fine tuning our website to be more user-friendly over the summer.

**BMRS
D
SPECIAL
EDUCATION
2015-2016**

**Loretta Braverman, MSW
Director of Special Education**



Special Education Four Essential Pieces



1st Piece: Federal and State Law

Strengthened capacity among
Team Chairs through:

- Professional Development
with Margaret Reid
- Facilitated Discussion with
Director
- Bi-Weekly Team Chair PLC
Meetings with the Director



LEGAL OUTCOMES

- (1) Mediation
- (2) Students sent OOD
- (0) Corrective Actions
- (0) Hearings before the BSEA



100 % Compliance



*Cohort 4 Data
Collection
2015-2016*

- **Timelines / Child Find**
 - Massachusetts Part B State Performance Plan (SPP)
 - Massachusetts Part B Annual Performance Report (APR)
- Massachusetts Department of Elementary and Secondary Education*
- District must report individual student information on each initial evaluation begun during the months of October, November, and December of this year.

▪ **100% Compliance**

421 Special Education Team Meetings

- Initials Meetings 98
- Eligible Findings 62
- Non-Eligible Findings 31
- Dismissed from Spec Ed. 40



3rd Piece: Specialized Instruction Bridgewater State University (2 Intensive Days)

Educational Neuroscience

- Dyslexia and Language Disorders: Neuro-developmental Perspectives, and Effective Interventions Florence Lai, MD (Professor of Neurology, Harvard Medical School; and Attending Child Neurologist, MGH Division of Child Neurology)
- Integrated Reading-Writing Workshop- Part 1 Deb Johnson, MA & Marsha Murphy, MA

Educational Neuroscience

- Dyscalculia and other Learning Disabilities: Neurodevelopmental Perspectives and Effective Interventions
- Effective Interventions for Reading Disabilities Susan Gray, Ph.D. (Assistant Professor of Speech-Language Pathology, BSU; Reading Specialist, Speech-Language Clinician)

Strengthening Para Capacity

Fitchburg State University

▪ Anne M. Howard, PhD, Professor, Education Department
Fitchburg State University

- **Role of the Paraprofessional**
- ✓ Context
- ✓ Diverse job descriptions
- ✓ Acknowledging various perspectives (stakeholders)
- **Facilitating Student Independence**
- ✓ Competing demands
- ✓ Role in an inclusive or co-taught classroom
- ✓ Prompting – shifting from verbal to visual prompting for most students
- ✓ Self-management strategies

The New England Center For Children

- Preventing and Reducing Challenging Behavior
- Conducting functional assessments and developing proactive programming to prevent instances of problem behavior.
- How to identify and define problem behavior, develop data collection systems, and how to use functional assessment tools.
- Treatment methods, pro-active strategies, scheduling manipulations and reinforcement programs.
- Supporting the Development of Executive Functioning Skills. Skill deficits in students with autism and related disabilities that impact attending, organization, planning and development of self-advocacy skills in classroom settings.
- How to identify behaviors to target, reinforcement programming to increase independence, and strategies to build executive functioning and organizational skills.

SPECIALIZED

CLASSROOMS

1. Intensive Personalized - MES
2. Social Emotional - Complex & HS
3. Pragmatic Learning - Complex
4. Essentials with Language Based Techniques -Complex and MS
5. Life Skills - High School
6. Post-Grad Community Based Learning -High School

Building Highlights

MES

- Writing without Tears Implementation
- The expected score in handwriting for end of year Kindergarten students is 77% .
- 94% of Maria Olbry's class scored at or above the expectations in handwriting.

PLC Complex

- Weekly whole group language lessons in the autism classroom. These lessons involved arts and crafts, singing songs, doing finger plays, using finger puppets, making homemade lemonade, etc. It was all about engaging with, imitating, and talking about the activity, with classmates and educators.
- Doug Flutie Grant to cover expenses for a summer program. The grant was received and this special needs child is now enrolled in summer camp.

Building Highlights

Middle School



High School

- All special education students in the class of 2016 earned their diplomas by meeting both the credit and MCAS requirements.
- Expanded internships & community experiences.
- Partnered with MRC/paid summer internships.
- Expanded internships & community experiences.
- Mubezi Bakiika traveled to France (independently).
- Mubezi was also accepted into a college based program at Mass Bay on a part-time basis in the fall.-

When a parent is engaged in their child's education and is actively participating throughout the special education process, special education works at full capacity



Join the Director of Special Education May Breakfast!

Thursday, May 5th

Frederick Hartnett Middle School

Conference Room 9:30-11:00

Mingle with the District Team Chairs

*Discover ways to become active in the
Special Education Parent Advisory Council*

The SEPAC works in partnership with the

Director of Special Education

on behalf of students with disabilities!

Special Education Parent Advisory Council Training

The Federation for Children with Special Needs

MASS PAC Coordinator, Leslie M. Leslie will facilitate this training and offer her professional and personal insights.

Leslie is a parent of two special needs children and an attorney who works with parents and school districts to strengthen Special Education Advisory Councils.



PARENT SATISFACTION SURVEY



Parent Satisfaction Survey

When the school invited you to the IEP meeting for your child...

The contact was friendly

I understood the kind of meeting I was invited to attend

I was given the information I needed to prepare for the meeting

I looked forward to attending the meeting

The IEP Meeting: As a participant in the IEP meeting...

I was a welcome member of the team

I was asked to share my views/opinions with the team

I was comfortable expressing my views/opinions with the team

The IEP considered my child's strengths/needs

Educational terms were explained to me as needed

I understand the goals that have been developed

I believe that the IEP we developed for my child will be successful

67 Surveys were returned

100 % either Agree or Strongly Agree

99% either Agree or Strongly Agree

86% either Agree or Strongly Agree

95% either Agree or Strongly Agree

99% either Agree or Strongly Agree

99% either Agree or Strongly Agree

99% either Agree or Strongly Agree

99% either Agree or Strongly Agree

99% either Agree or Strongly Agree

94% either Agree or Strongly Agree

96% either Agree or Strongly Agree

96% either Agree or Strongly Agree

**4TH PIECE
FISCAL
RESPONSIBILITY
&
SUSTAINABILITY**



REQUEST ALL FEDERAL AND STATE GRANT FUNDING OPTIONS

OPTIMIZE CIRCUIT BREAKER CLAIMS

MINIMIZE LIABILITY EXPOSURES

REDUCE THE NEED FOR OOD PLACEMENTS

STRENGTHEN OUR SPECIALIZED INSTRUCTION

SECURE COST SAVING PROGRAMS AND TRANSPORTATION (BICO)

IDENTIFY COST EFFECTIVE PROCEDURES SUCH AS PARENT PORTAL IEP OPTION (\$3.00 PER IEP) AND THE SCHEDULING OF TEAM MEETINGS TO REDUCE DEPENDENCY ON SUBSTITUTE TEACHERS.

MEDICAID REIMBURSEMENT

ACCURATE SIMS CODING BY LEVEL OF NEED (10, 20, 40, 41,50, ETC. (DOE034)

BMRSD Elementary School Summer Reading and Math Packets

Grade 1

The research is clear that children who don't read during the summer can lose up to three months of reading progress and that loss has a cumulative, long-term effect

~readingrockets.org

Children typically forget some of what they learned during the school year if they don't engage in learning activities over the summer. This is particularly true in math. A study by researchers at the University of Missouri shows that on average students lost about 2.6 months of math learned over the summer.

~greatschools.org

At BMRSD we are committed to promoting and supporting success for our students. Research shows that without ongoing practice over the summer months, regression occurs.

This packet provides a structured, systematic approach with common core-based learning activities. Parents are encouraged to set up a schedule to ensure that all work is completed by the first day of school.

We value the importance of time during the summer months to relax and have fun. Our students have worked very hard this past year and certainly deserve a break. As you know you child the best, please create a schedule that will not disrupt your summer routine. Keep in mind these packets are for review and will not be graded. We will acknowledge those students who return completed packets on the first day of school.

Your child should select at least two books to read. For each book, please help your child draw a picture of his/her favorite part of the book. You may use the extra journal pages to have your child draw/write about summer experiences.

Phonological awareness calendars are included. Please complete at least 10 boxes each for July and August. Please have your child color in the boxes that were completed.

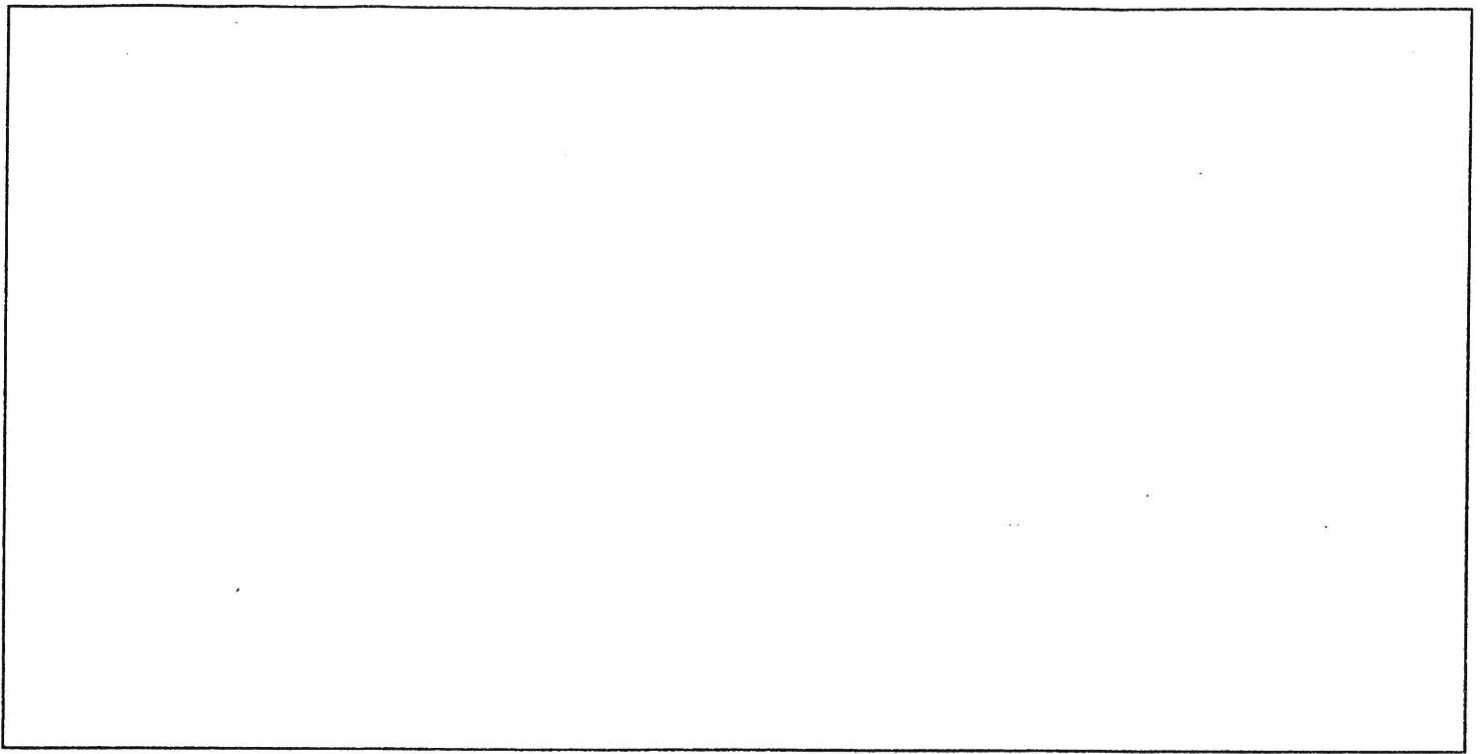
Please refer to the attached math summer practice for details. Special thanks to Cambridge Public Schools for providing the model for our math packets.

Tips for Success

- You may assist your child when needed, but please encourage independent work completion.
- Provide a quiet and comfortable place for your child to work.
- Ask your child questions about what he or she is reading.
- If you have any questions, please do not hesitate to call the school.
- Your child is encouraged to read as many books as possible. Each book should be recorded in the book log.
- Your child should select at least two books to read and complete the Remarkable Book Reviewer handout.

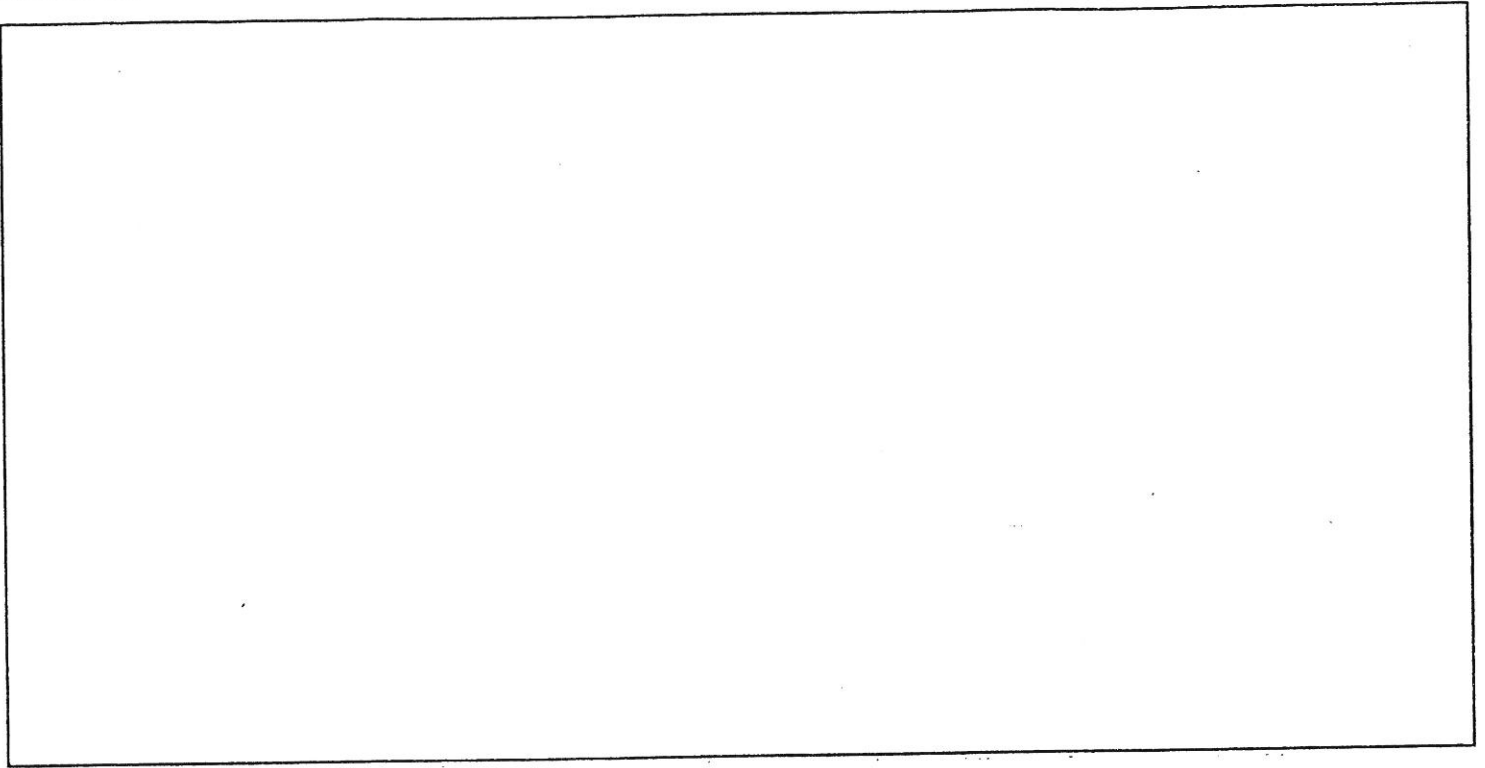
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Date:



Name: _____

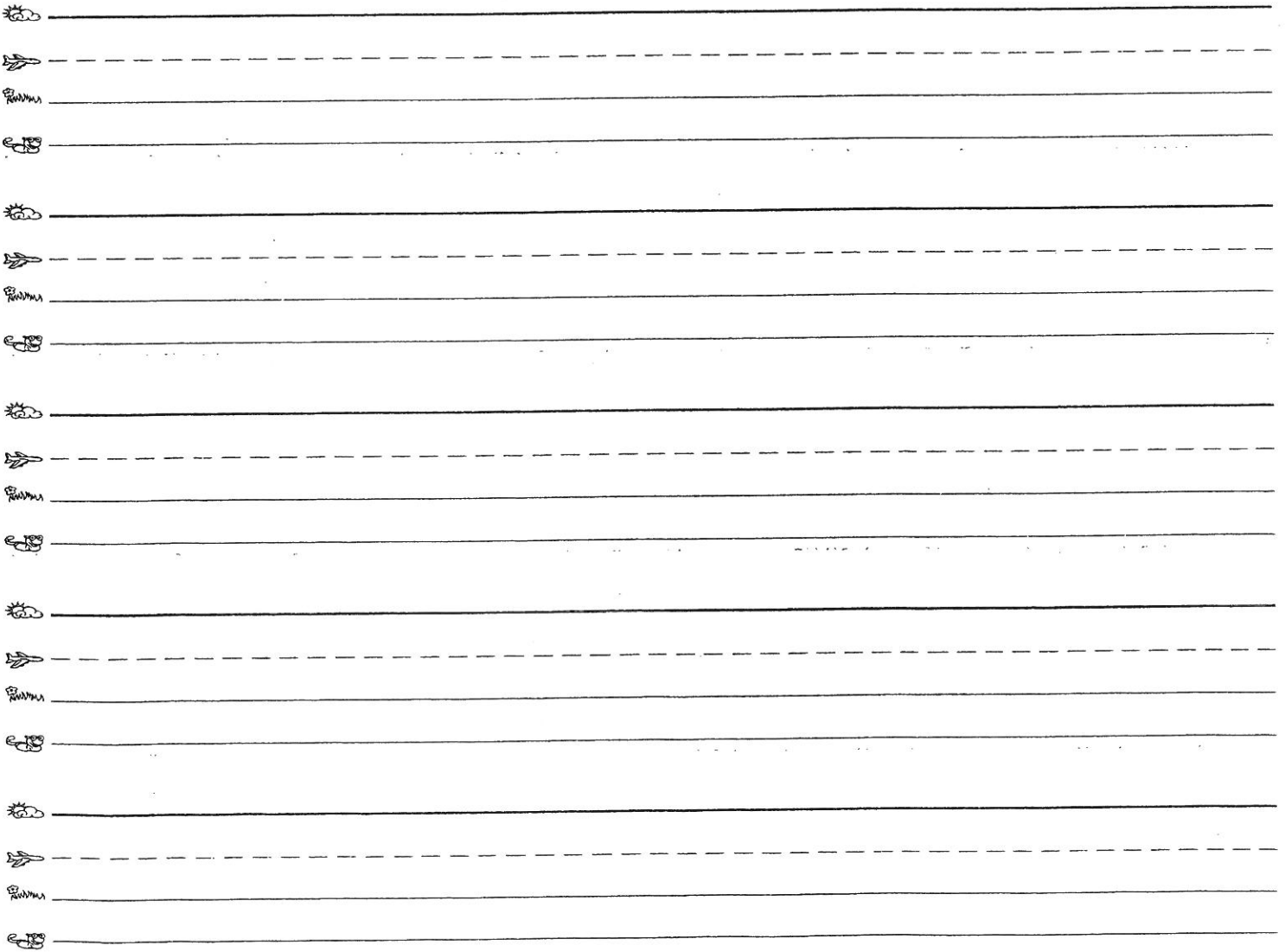
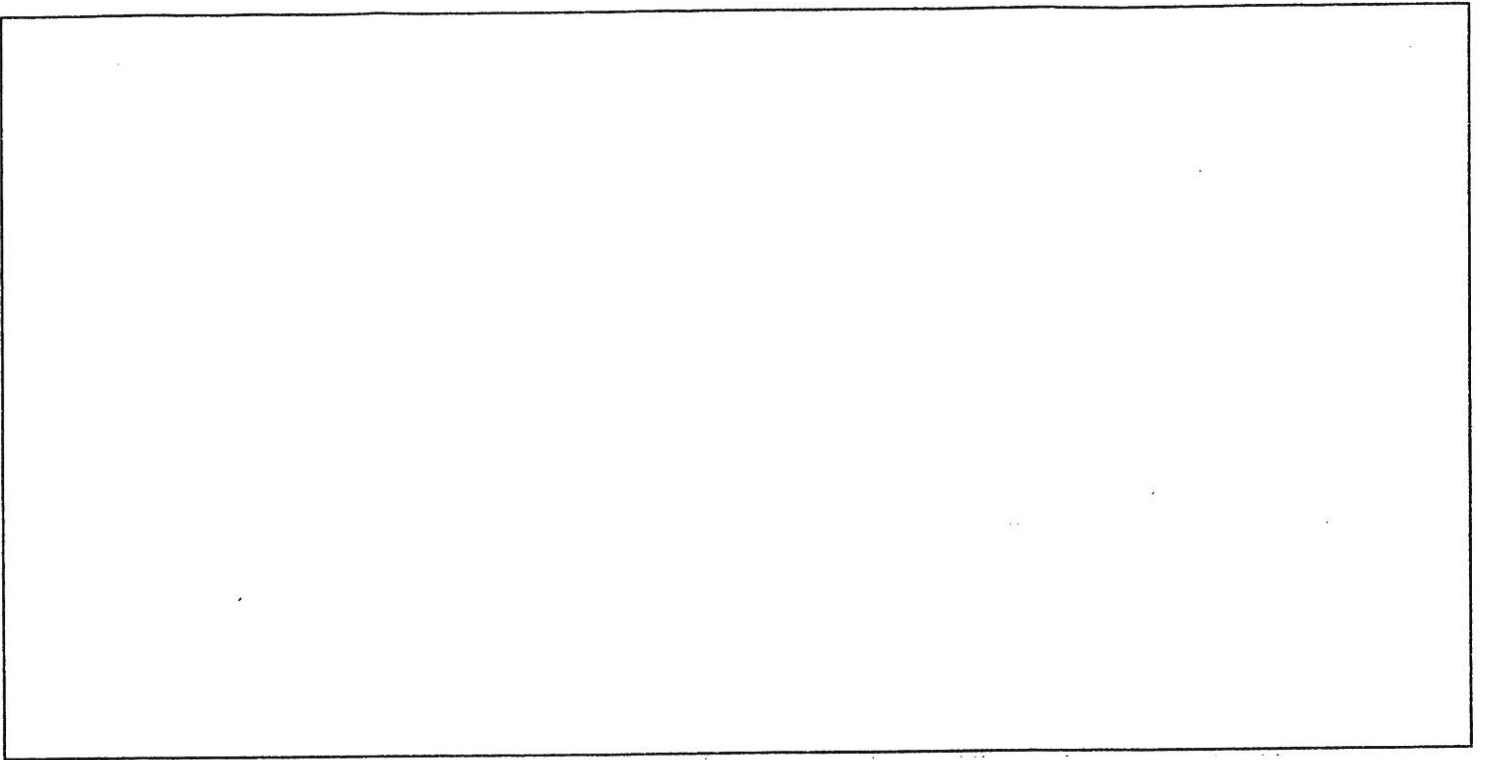
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Handwriting practice section consisting of ten rows of lines. Each row starts with a small illustration of a hand holding a pencil, followed by a solid top line, a dashed middle line, and a solid bottom line.

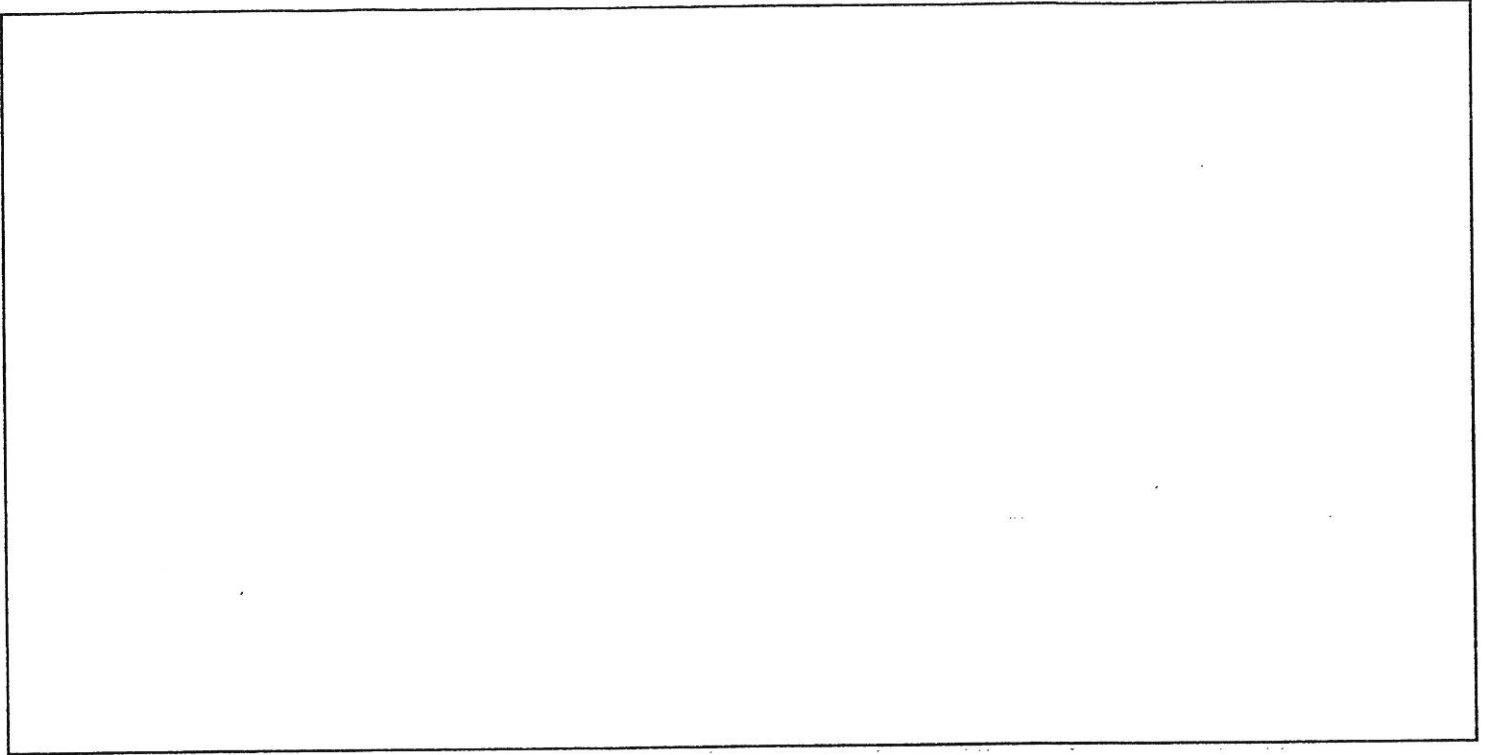
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Date:

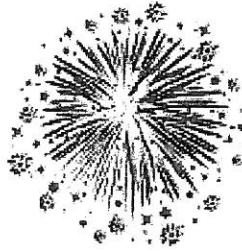


Name: _____

Date: _____



Handwriting practice section consisting of 12 rows. Each row is defined by three horizontal lines: a solid top line, a dashed middle line, and a solid bottom line. On the left side of each row, there is a small illustration of a character or object, such as a bird, a fish, or a bear, to guide the student's writing.



JULY

Phonological Awareness

Resource: Teachers Pay Teachers

Skills include: Word, Syllable, Phoneme segmenting, and blending

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
When working with blending activities, make sure you pause after each syllable and sound. A dash "-" is used to help you.						
	Blending is putting syllables and sounds together. Blend these SYLLABLES together to make a word. BEACH-CHAIR!	Blend these SOUNDS together to make words. S-U-N (sun) B-EA-CH (beach) S-A-N-D (sand)	Read or listen to a book. Listen for one SYLLABLE words. How many did you hear?	Segmenting is breaking apart sentences and words. How many SYLLABLES do you hear in these words? Say the syllable out loud FIREWORKS JULY	Repeat this sentence. Clap/tap for each WORD you hear. How many times did you clap? Today is Tuesday.	
	How many SOUNDS do you hear in each word? Say each sound out loud. CONE RIDE GRASS FLOWER	How many SYLLABLES do you hear in these words? Say each syllable out loud. COCONUT PEACH KIWI GRAPES	Read or Listen to a book. Listen for two SYLLABLE words. How many did you hear?	Blend these SYLLABLES together to make words AIR-PLANE RAIN-BOW SAIL-BOAT SUN -SHINE	Blend these SOUNDS together to make words. F-I-S-H(fish) T-R-AI-N (train) M-I-L-K (milk)	
	How many SOUNDS do you hear in each word? Say each sound out loud. JUMP HOP SKIP DASH	Repeat this sentence. Clap/tap for each WORD you hear. How many times did you clap? Can we go swimming?	Read or listen to a book. Listen for three SYLLABLE words. How many did you hear?	How many SOUNDS do you hear in each word? Say each sound out loud. CHIPS SNACK FRUIT APPLE	Repeat this sentence. Clap/tap for each WORD you hear. How many time did you clap? I love to ride my bike.	
	How many SYLLABLES do you hear in these words? Say each syllable out loud. BUBBLES STICK CANDY WATERMELON	Blend these SYLLABLES together to make words. PINE-AP-PLE TO-MA-TO AV-O_CA-DO PEP-PER	Read or listen to a book. Listen for four SYLLABLE words. How many did you hear?	Blend these SOUNDS together to make words. T-OA-S-T (toast) S-U-MM-ER (summer) SH-A-R-K (shark)	Blend these SYLLABLES together to make words. DAI-SY CAR-NA-TION LI-LY SUN-FLOW-ER	



AUGUST

Phonological Awareness

Resource: Teachers Pay Teachers

Skills include: Word, Syllable, Phoneme segmenting, and blending

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
When you see letters isolated in lines (/b/), this is a signal to say the "sound" that the letter makes and NOT the letter itself.						
	Say BEACHBALL. Now say it again and don't say BALL. Say STARFISH. Now say it again and don't say STAR.	Say CABIN. Now say it again but don't say BIN. Say SHOVEL. Now say it again but don't say SHOVEL.	Say BUCKET. Now say it again but don't say /B/. Say FISH. Now say it again but don't say /SH/.	Say SCHOOL. Now say it again but don't say /S/. Say TEACHER. Now say it again but don't say /R/.	Read or listen to a book. Listen for the words with the /B/ sound. Did you hear the sound in the beginning, middle, or end of the word?	
	Change the first sound of FISH to /W/ (wish). Change the last sound of ROAD to /P/ (rope)	Change the first sound in PEAR to /CH/ (chair) Change the last sound in COACH to /T/ (coat)	Change the middle sound in SIT to /a/ (sat) Change the middle sound in CUP to /E/ (keep)	Add /ch/ to the end of COW (couch) Add /B/ to the beginning of IN (bin)	Read or listen to a book. Listen for the words with the /T/ sound. Did you hear the sound in the beginning, middle, or end of the word?	
	Say VEGETABLE. Now say it again but don't say BLE. Say PRINCIPAL. Now say it again but don't say PRIN.	Say BOOK. Now say it again but don't say /K/. Say PENCIL. Now say it again but don't say /P/	Say RECESS. Now say it again but don't say CESS Say CAFETERIA. Now say it again but don't say CAF	Say DESK. Now say it again but don't say /D/. Say PAPER. Now say it again but don't say /ER/	Read or listen to a book. Listen for the words with the /F/ sound. Did you hear the sound in the beginning, middle, or end of the word?	
	Change the middle sound in PAINT to /oi/ (point) Change the middle sound in TAP to /A/ (tape)	Change the first sound in SINK to /TH/ (think) Change the last sound in TEAM to /TH/ (teeth)	Change the first sound in THROW to /G/ (grow) Change the last sound in PEACH to /L/ (peel)	Add /S/ to the end of MY (mice) Add /S/ to the beginning of COOL	Read or listen to a book. Listen for the words with the /CH/ sound. Did you hear the sound in the beginning, middle, or end of the word?	



Suggested Reading

Read! Read! Read!

Hopefully, you will be able to set aside time each day to enjoy reading with your child.

This partial list of books is appropriate to read aloud to your child. Your library should have them available.

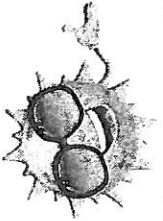
Do not hesitate to read the same book several times. Use techniques that will help your child such as reading the title of the book; saying the author's name;

following the words with your finger; pausing at the punctuation marks.

Remember to ask questions such as, "How do you think (name a character) feels? What do you think will happen next? Why do you think that happened? What would you do next?"

Your child can also start to read books with short vowel words. Try some of the Dr. Seuss books like ***Hop on Pop*** and ***Cat in the Hat***.

Title	Author	Publisher / Date
<i>A Baby Sister for Frances</i>	Hoban, R.	Harper Trophy; 1992
<i>Arthur's Teacher</i>	Brown, M.	Little Brown; 1986
<i>Cloudy With a Chance of Meatballs</i>	Barrett, J.	Macmillan; 1978
<i>Corduroy</i>	Freeman, D.	Viking Penguin; 1968
<i>Curious George books</i>	Rey, H.A.	Houghton Mifflin; 1969
<i>Legend of the Indian Paintbrush</i>	DePaola, T.	Putnam & Grossett; 1988
<i>Madeline</i>	Bemelmans, L.	Viking; 1967
<i>Make Way for Ducklings</i>	McCloskey, R.	Viking, Penguin; 1969
<i>Mike Mulligan and his Steam Shovel</i>	Burton, V.	Houghton Mifflin; 1967
<i>Millions of Cats</i>	Gag, W.	Coward McCann; 1928
<i>Miss Nelson is Missing</i>	Allard, H.	Houghton Mifflin; 1977



Summer Math Learning Packet

Students Entering Grade 1

The daily activities in this summer math packet will review math concepts and skills of the grade that has just been completed during the 2015-2016 school year. Just a few minutes each day spent “thinking and talking math” will help reinforce the math that has been learned and begin to bridge the foundation for extending to the concepts that will be developed next year. The goal is for you to have fun thinking and working collaboratively to communicate mathematical ideas. While you are working ask how the solution was found and why a particular strategy was chosen.

The math practice in this summer packet address the new Massachusetts Curriculum Framework for Mathematics which incorporates the Common Core Standards addressing these 2 critical areas in grade K:

- (1) representing, relating, and operating on whole numbers, initially with sets of objects
- (2) describing shapes and space. More learning time in kindergarten should be devoted to number than to other topics.

The packet consists of 2 calendar pages, one for July and one for August, as well as directions for math games to be played at home. Literature, worksheets, APPs and websites are also recommended to explore mathematics in new ways. We encourage you to complete at least 15 math days each month.

Directions:

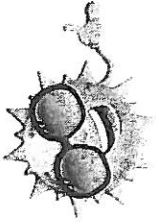
Do your best to complete as many of these summer math activities as you can! If using the math calendars, have your child color in each box when the activity is completed. Some activities may require a written or drawn response. Please attach to the calendar. If choosing an alternative math activity (see list), use the blank pages provided to create your own summer math calendar. To do a combination of both options, the goal is to complete and log 15 math activities per month.

Student Accountability

The intention is that your child spends time practicing math. Your child should aim to complete at least 30 math practice activities over the course of the summer. When your child has completed the math requirements, please sign and return this paper and calendars to the first grade teacher.

Parent signature

Date



Grade 1 Summer Math Ideas

Games To Play (You will need a deck of cards)

1. Compare

Remove the face cards from a deck of cards. Remember an Ace is the same as 1. Pass out all cards in the deck among all of the players. Each player flips over one card at the same time. The player with the higher number keeps both cards. If the two cards are the same, turn over another card. The player with the higher number keeps all four.

2. Double Compare

Same as above, but turn over two cards each time and find the sum. The one with the larger sum takes the cards.

3. Close to 10

Remove the face cards from a deck of cards. Deal 3 cards to each player. Which two cards brings you closest to 10? Which player is closest to 10? Example: You turn over the cards 5, 4, 3 and your opponent turns over an Ace, 8, and 3. You can make 9 (5 and 4) and your opponent can make 9 (Ace and 8) or 11 (8 and 3). It's a tie since you are both 1 away from 10!

Other games to play: Checkers, Memory, Chutes and Ladders, jigsaw puzzles, Parcheesi, Fish, Crazy Eights, Candy Land, Blink, Connect Four, Legos, K'Nex

[Worksheets to Practice Math](http://www.gregtangmath.com/)

<http://www.gregtangmath.com/>

<http://www.commoncoresheets.com/>

Math Books to Read

The Button Box by Margarette S. Reid
Over Under by Marthe Jocelyn

If You Give a Mouse a Cookie by Laura Numeroff
Five Little Ducks by Pamela Paparone

Construction Countdown by K.C. Olson
Ten Flashing Fireflies by Philemon Sturges

Around the Park by Christianne C. Jones
On the Stairs by Julie Hofstrand Larios

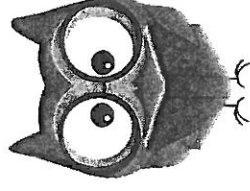
A Pig is a Pig by Douglas Florian
Little Quack by Lauren Thompson

Splash by Anne Jones

One Moose, Twenty Mice by Clare Beaton
Sorting Money by Jennifer L. Marks

Greetings, Sun by Phillis and David

A House for Hermit Crab by Eric Carle
Lemonade for Sale by Stuart J. Murphy



Educational and Fun APPS and Websites to Practice Math

Please take some time to do these activities and record your choices on the "Create Your Own Summer Math Calendar!" sheet provided.

Websites

Here are websites that you can access at home or at your public library if you do not have a computer at home

<http://www.funbrain.com/>

<http://www.aplusmath.com/>

<http://pbskids.org/cyberchase/math-games/>

<http://illuminations.nctm.org/ActivitySearch.aspx>

<http://www.gregtangmath.com/>

<http://www.coolmath4kids.com/>

<http://bedtimemath.org>

<http://www.playkidsgames.com/>

<http://www.coolmath.com./>

<http://www.figurethis.org/index.html>

<http://resources.oswego.org/games/mathmagician/cathymath.html>

APPS to Practice Math!

Try handing your smartphone or iPad to your child while you are driving or watching TV and let them practice their math on a free or inexpensive app.

<p>APPS for K - 2</p> <p>Adventure Basic School Math</p> <p>Amazing Coins</p> <p>Count Money</p> <p>Everyday Mathematics, Addition Top it</p> <p>Fast Facts Subtraction</p> <p>Juicy Math</p> <p>Math Bingo</p> <p>Okta's Rescue</p> <p>Operation Math</p> <p>Coin Math</p> <p>Super 7</p> <p>Native Numbers PK-K</p>	<p>APPS for all Grades</p> <p>Fast Math</p> <p>Fast Math Challenge HD</p> <p>Fraction App by Tap to Learn</p> <p>Kakooma</p> <p>Math Matrix HD</p> <p>Quick Math Game</p> <p>PopMath</p> <p>iEstimation</p> <p>Pick-a-Path</p> <p>Sumdog</p> <p>Conundra Math</p> <p>Cloud Math</p>
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July 2016 Entering First Grade Mathematics Calendar

Use sidewalk chalk to write all the numbers (in order) that you can. (Use paper and pencil if you do not have chalk)	Toss ten pennies. How many heads? How many tails? Try again! Did you get the same result?	Go to the grocery store. In your shopping cart, practice counting what you see. How many pieces of fruit? How many eggs in a carton?	Hop on your right foot and count how many hops you can do it! Hop on your left foot. What foot could you do more hops on? Compare.	Ask your family which food they would like at a cookout. Which food did people want the most? Which food did people want the least?
Count backwards how long it will take you to put on your shoes. For example 20 seconds. 20, 19, 18...	Grab a handful of objects. (Pennies, beads, marbles...) Guess how many there are. Count your objects. Were you close to your estimate?	Keep track of the weather for one week. How many sunny days? Rainy days? How many more rainy days than sunny days?	Count the people that live in your house with you. How many toes do they have altogether? How many fingers?	Walk around the inside of your house. How many steps does it take you to get around your house. Then try giant steps. Which used more steps?
How many jumping jacks can you do in one minute? Is it more or less than 20? How do you know?	Read a counting book and then make one of your own. Did you decide to make it counting forward or backwards?	Make a picture using 2 circles, 3 triangles, and some rectangles. Explain how you made it to someone!	Read a math book. (See list for suggestions)	Look at some of your toys. Try to sort them into groups. How many are in each group?
Explore a math website. Tell an adult what math you learned. (See list for suggestions)	Count backwards starting at 10... 15... 20... 25...	Make numbers or shapes out of play dough.	How long is your room? Measure with blocks or toys. Measure with your feet. Which was more? Which is less?	Write your name on a piece of paper. How many letters are there in your name? How many letters are there in the names of all your family?

August 2016 Entering First Grade Mathematics Calendar

<p>Find 10 coins in your house. What do they add up to? Is it more or less than 25 cents?</p>	<p>Name five different places you see numbers outside. (on street signs, stores, license plates...) Draw a picture of the places</p>	<p>Bobby Bear is missing 5 buttons on his jacket. How many ways can you use blue and red buttons to finish his jacket? Draw a picture of all your ideas.</p>	<p>Draw what you are doing at 2 different times today when the minute hand of the clock is on the "12"</p>	<p>Do a yes/no survey asking the people in your house, "Do you like the rain?" Circle which side has the most answers.</p>
<p>Play Double Compare (see directions) What number facts are easy for you?</p>	<p>Roll two number cubes or dice and add the two numbers together. How many times did you have to roll to get a 12? Try again</p>	<p>Play a strategy game Connect 4 or Checkers Did your strategy work? Will you try a different strategy the next time you play?</p>	<p>Estimate how many spoonfuls it will take to finish your cereal. Count each spoonful as you eat. How close were you to your estimate?</p>	<p>Go around your house and count the windows and doors. Are there more windows or doors? Draw the one with more.</p>
<p>Pick a number from 1-12. Find that number around your house! Look at clocks, phones, books, magazines, etc... Pick another number</p>	<p>I am thinking of a number. It has 1 ten and 5 ones. What number am I thinking of? Make up some riddles using tens and ones</p>	<p>Play Close to 10 (see directions) How does this help you to practice your facts?</p>	<p>Practice "counting" on from numbers other than 1. Example: Start at 4,5,6... Start at 17, ... Start at 32, ...</p>	<p>Build something with 20 blocks or Legos. Describe your structure and the shapes you used.</p>
<p>Play with bubbles. How many can you blow in one minute?</p>	<p>Set the table for dinner! How many plates do you need to put out? How many forks? How many glasses? Make sure everyone has a place!</p>	<p>Describe 2 different ways to make 10 cents.</p>	<p>Play Compare (see directions) How did you decide which number is greater?</p>	<p>Count the number of steps it takes to get from your front door to the refrigerator. Represent this number</p>

Create Your Own Summer Math Calendar!

Grade _____

If the activities suggested don't seem to "fit your child" or you have your own websites/literature/math practice you would like to do you can create your own math calendar. Feel free to substitute your own activities that better suit your needs or learning style. All we ask is that you document your created activities below. Remember: the goal is to complete 15 activities each month. You can certainly use this sheet to record more!

#	Date Completed	Description of Math Activity
1		
2		
3		
4		
5		
6		
7		

8		
9		
10		
11		
12		
13		
14		
15		

Students' name: _____

Parent's Signature: _____

BMRSD Elementary School Summer Reading and Math Packets

Grade 2

The research is clear that children who don't read during the summer can lose up to three months of reading progress and that loss has a cumulative, long-term effect

~readingrockets.org

Children typically forget some of what they learned during the school year if they don't engage in learning activities over the summer. This is particularly true in math. A study by researchers at the University of Missouri shows that on average students lost about 2.6 months of math learned over the summer.

~greatschools.org

At BMRSD we are committed to promoting and supporting success for our students. Research shows that without ongoing practice over the summer months, regression occurs.

This packet provides a structured, systematic approach with common core-based learning activities. Parents are encouraged to set up a schedule to ensure that all work is completed by the first day of school.

We value the importance of time during the summer months to relax and have fun. Our students have worked very hard this past year and certainly deserve a break. As you know you child the best, please create a schedule that will not disrupt your summer routine. Keep in mind these packets are for review and will not be graded. We will acknowledge those students who return completed packets on the first day of school.

Your child should select at least two books to read. For each book, please help your child draw a picture of his/her favorite part of the book. You may use the extra journal pages to have your child draw/write about summer experiences.

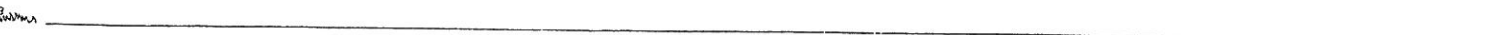
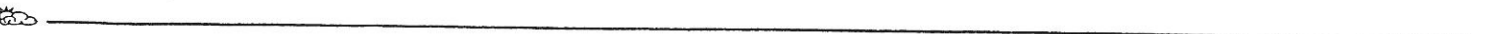
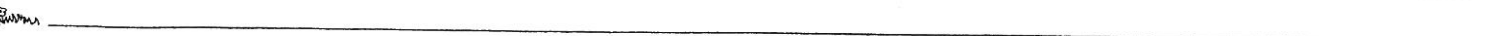
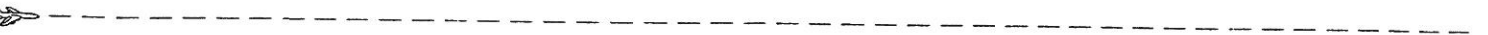
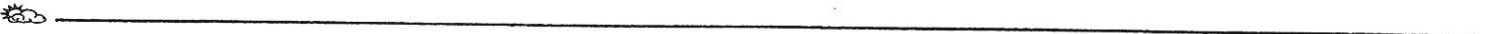
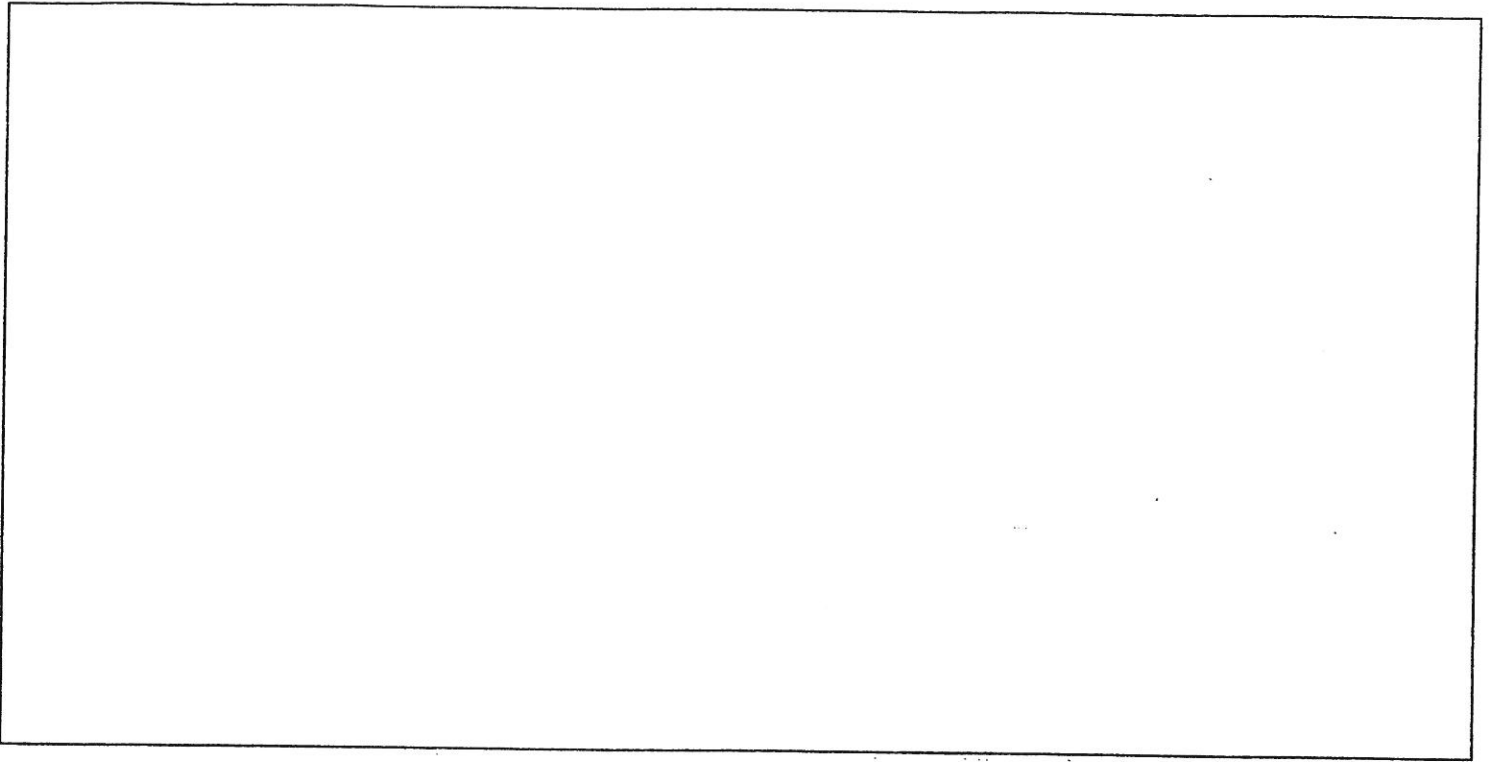
Please refer to the attached math summer practice for details. Special thanks to Cambridge Public Schools for providing the model for our math packets.

Tips for Success

- You may assist your child when needed, but please encourage independent work completion.
- Provide a quiet and comfortable place for your child to work.
- Ask your child questions about what he or she is reading.
- If you have any questions, please do not hesitate to call the school.
- Your child is encouraged to read as many books as possible. Each book should be recorded in the book log.
- Your child should select at least two books to read and complete the Remarkable Book Reviewer handout.

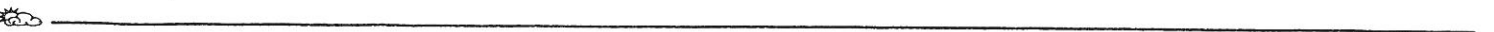
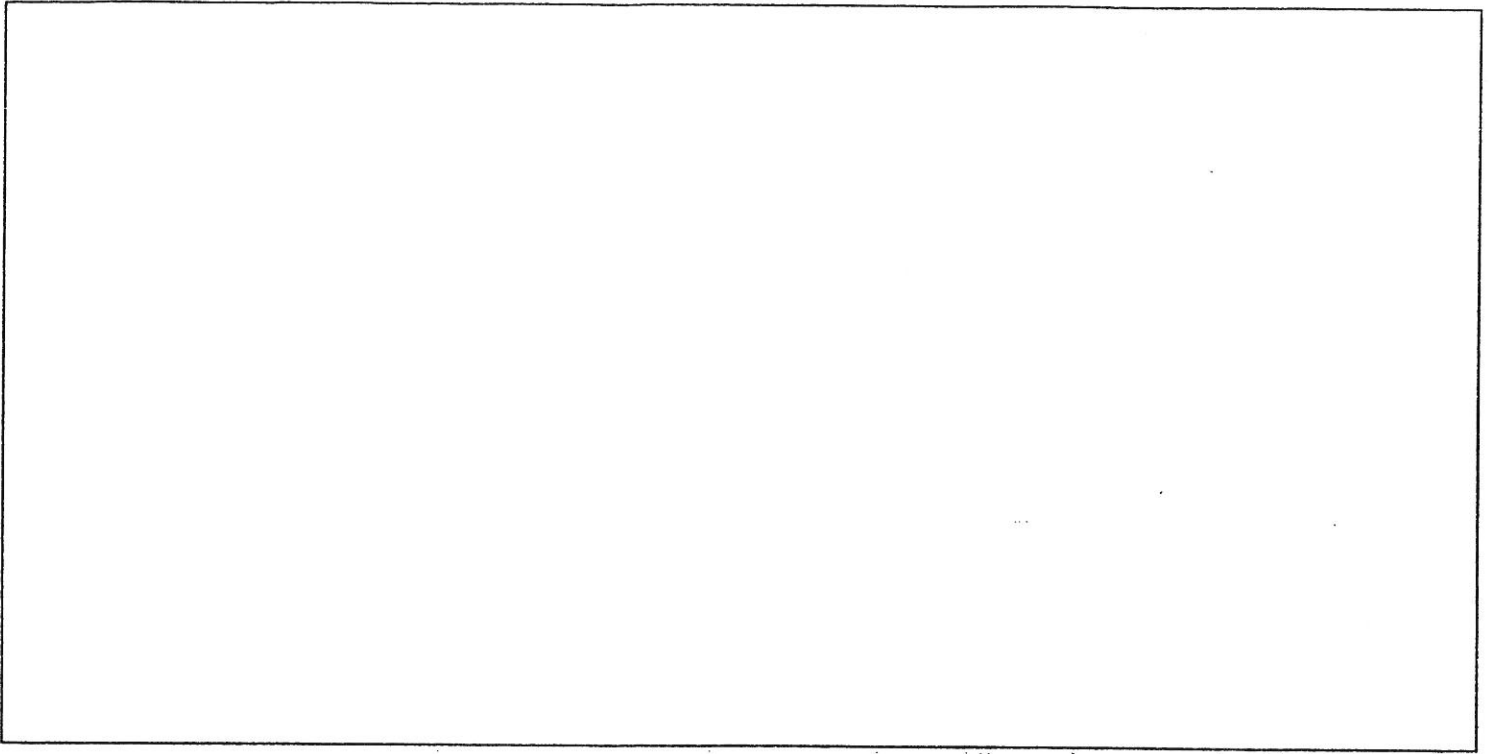
Name:

Date:



Name: _____

Date: _____



Summer Reading List



Students entering Grade 2

Grade 2

June 2015

Favorites

Henry and Mudge

by Cynthia Rylant

Henry doesn't have any brothers or sisters, but he doesn't feel lonely... he finds companionship and love in a big dog named Mudge... and they're having loads of fun together!

Nate the Great

by Marjorie Sharmat

Nate is a detective. With his dog, Sludge, Nate solves crimes.

Birds

by Kevin Henkes

Fascinated by colors, shapes, sounds, and movements of many different birds she sees through her window, a little girl is happy to discover that she and they have something in common.



Ramona the Pest

by Beverly Cleary

The first of the Ramona books, Ramona is in kindergarten. Charming and funny!

Dear Parents,

Summer vacation is almost here! We hope that you make it a time to **REST, RELAX, READ**, but above all **ENJOY!**

Reading, like a sport, involves practice and skill. Real skill building occurs when children read for pleasure, when children read "just right" books, that is, books that are not too hard and not too easy, and when children can explore books about those topics that interest them. The more they practice with someone's encouragement, suggestions and praise (just like in a sport), the better and more confident readers they will become.

Reading is the foundation for all learning. Summer reading helps to keep children's reading skills sharp and provides opportunity for enjoyment and challenge. There is no better way to encourage reading and learning than to share in your child's reading experience.

- If your child chooses to read a harder book, read it aloud together! Their ability to comprehend a story by listening to it read aloud is much higher than their ability to understand it alone. Plus, it's a lovely way to bond with your child over your shared love of reading!
- Set aside a regular family reading and /or read aloud time.
- Read to your children, even the older ones.
- Recognize that your child's own choice and interests are important ingredients toward reading enjoyment.
- Let your child see you reading for pleasure.
- Don't forget to pack a book wherever you go this summer.
- Encourage and help your child succeed with reading but do not push or expect too much too soon.
- Learn more about children's books, from your child's friends, from the local library or from the attached lists.

By maintaining an active literacy life over the summer, you ensure your child the best start to the next grade level! Happy Reading!

Summer Reading List



For Students Entering Grade 2

Adler, David	Young Cam Jansen Series
Barrows, Anne	Ivy Bean Series
Bishop, Nic	Variety of books about animals
Blume, Judy	Freckle Juice
Brett, Jan	Any of her books
Brown, Jeff	Flat Stanley Series
Capucilli, Allyssa	Biscuit Series
Carle, Eric	Any of his books
Clearly, Beverly	Ramona Quimby Series
Cronin, Doreen	Diary of a Fly, Diary of a Spider, Click Clack Moo Series
Danziger, Paula	Amber Brown Series
Ernst, Lisa Campbell	Any of her books
Gibbons, Gail	Gorillas, and other non-fiction
Henkes, Kevin	My Garden, Julius the Baby of the World, etc.
Keats, Ezra Jack	Any of his books
Kline, Suzy	Horrible Harry and SongLee Series
Lester, Helen	Tacky Series
Lobel, Arnold	Frog and Toad Series
London, Jonathan	Froggy Series
Marshall, James	Fox on the Job Series
McCloskey, Robert	Blueberries for Sal
Minarik, Else	Little Bear Series
O'Connor, Jane	Fancy Nancy Series

Osborne, Mary Pope	The Magic Tree House Series
Parrish, Peggy	Amelia Bedelia Series
Parks, Barbara	June B. Jones Series
Polacco, Patricia	Any of her books
Prelutsky, Jack	Poetry Books
Sharmant, Majorie	Nate the Great Series
Steig, William	Any of his books
Van Leeuwen, Jean	Amanda and Oliver Pig Series

**Also Check out the Caldecott Award books, lists at the library,
your favorite authors, and whatever else catches your fancy!**

Read and Enjoy!

During the summer it is easier to make time to read some of the many wonderful books that have been written for children. When choosing a just right book, you can use the suggestions on our lists or go to one of the following websites, which have organized their suggestions in a user-friendly format.

www.sampsonclassroom.com

www.readwritethink.org/beyondtheclassroom/summer

www.scholastic.com/summerreading

www.c-t-l.org/kids_recommend.html

www.rif.org/summer

www.readingrockets.org/calendar/summer

www.education-world.com/summer_reading

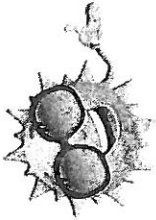
www2.ed.gov/parents/read/resources/readingtips/readingtips.pdf

www.hornbookguide.com

Best wishes for a safe, happy, reading fun-filled summer.

Sincerely,

Grade One Teachers



Summer Math Learning Packet

Students Entering Grade 2

The daily activities in this summer math packet will review math concepts and skills of the grade that has just been completed during the 2015-2016 school year. Just a few minutes each day spent “thinking and talking math” will help reinforce the math that has been learned and begin to bridge the foundation for extending to the concepts that will be developed next year. The goal is for you to have fun thinking and working collaboratively to communicate mathematical ideas. While you are working ask how the solution was found and why a particular strategy was chosen.

The math practice in this summer packet address the new Massachusetts Curriculum Framework for Mathematics which incorporates the Common Core Standards addressing these 4 critical areas in grade 1:

- (1) Developing understanding of addition, subtraction, and strategies for addition and subtraction within 20
- (2) Developing understanding of whole number relationships and place value, including grouping in tens and ones
- (3) Developing understanding of linear measurement and measuring lengths as iterating length units
- (4) Reasoning about attributes of, and composing and decomposing geometric shapes

The packet consists of 2 calendar pages, one for July and one for August, as well as directions for math games to be played at home. Literature, worksheets, APPs and websites are also recommended to explore mathematics in new ways. We encourage you to complete at least 15 math days each month.

Directions:

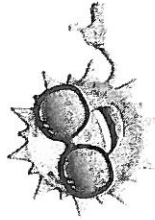
Do your best to complete as many of these summer math activities as you can! If using the math calendars, have your child color in each box when the activity is completed. Some activities may require a written or drawn response. Please attach to the calendar. If choosing an alternative math activity (see list), use the blank pages provided to create your own summer math calendar. To do a combination of both options, the goal is to complete and log 15 math activities per month.

Student Accountability

The intention is that your child spends time practicing math. Your child should aim to complete at least 30 math practice activities over the course of the summer. When your child has completed the math requirements, please sign and return this paper and calendars to the second grade teacher.

Parent signature _____

Date _____



Grade 2 Summer Math Ideas

Games To Play (You will need a deck of cards)

1. **Compare**

Remove the face cards from a deck of cards. Remember an Ace is the same as 1. Pass out all cards in the deck among all of the players. Each player flips over two cards at the same time and finds the sum. The one with the larger sum takes the cards. If the sums are the same, turn over 2 more cards. The player with the largest sum keeps all four cards.

2. **Tens Go Fish**

Remove the face cards from a deck of cards. Deal 5 cards to each player. Each player looks for cards that make 10, and they draw new cards from the deck to replace them. Players take turns asking each other for a card that will make 10 with a card from their hand. A player's turn is over when no more pairs can be made. The game is over when there are no more cards. Both players record their combinations of 10.

3. **Close to 20**

Remove the face cards from a deck of cards. Deal 3 cards to each player. Which two cards brings you closest to 10? Which player is closest to 10? Example: You turn over the cards 5, 4, 3 and your opponent turns over an Ace, 8, and 3. You can make 9 (5 and 4) and your opponent can make 9 (Ace and 8) or 11 (8 and 3). It's a tie since you are both 1 away from 10!

Other games to play: Checkers, Memory, jigsaw puzzles, Parcheesi, Fish, Crazy Eights, Connect Four, Legos, K'Nex.

Worksheets to Practice Math

<http://www.gregtangmath.com/>

<http://www.commoncoresheets.com/>

Math Books to Read

Numbers by Henry Pluckrose

Just Enough Carrots by Stuart J. Murphy

Addition Annie by David Gisler

Twenty is Too Many by Kate Duke

Math for All Seasons by Greg Tang

Animals on Board by Stuart J. Murphy

Turtle Splash! by Cathryn Falwell

Shape Space by Cathryn Falwell

Emily's First 100 Days of School by Rosemary Wells

A Fair Bear to Share by Stuart J. Murphy

More or Less by Stuart J. Murphy

Deena's Lucky Penny by Barbara deRubertis

Measuring Penny by Loreen Leedy

Bunny Day: Telling Time from Breakfast to Bedtime by Rick Walton

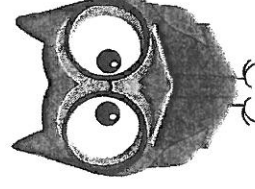
Two of Everything: A Chinese Folktale by Lily Toy Hong

Subtraction Action by Loreen Leedy

Graphs by Bonnie Bader

Rabbit and Hare Divide an Apple by Harriet Ziefert

Shark Swimathon by Stuart J. Murphy



Educational and Fun APPS and Websites to Practice Math

Please take some time to do these activities and record your choices on the "Create Your Own Summer Math Calendar!" sheet provided.

Websites

Here are websites that you can access at home or at your public library if you do not have a computer at home

- <http://www.funbrain.com/>
- <http://www.aplusmath.com/>
- <http://pbskids.org/cyberchase/math-games/>
- <http://illuminations.nctm.org/ActivitySearch.aspx>
- <http://www.gregtangmath.com/>
- <http://www.coolmath4kids.com/>
- <http://bedtimemath.org>
- <http://www.playkidsgames.com/>
- <http://www.coolmath.com./>
- <http://www.figurethis.org/index.html>
- <http://resources.oswego.org/games/mathmagician/cathymath.html>

APPS to Practice Math!

Try handing your smartphone or iPad to your child while you are driving or watching TV and let them practice their math on a free or inexpensive app.

<u>APPS for K - 2</u>	<u>APPS for all Grades</u>
Adventure Basic School Math	Fast Math
Amazing Coins	Fast Math Challenge HD
Count Money	Fraction App by Tap to Learn
Everyday Mathematics, Addition Top it	Kakooma
Fast Facts Subtraction	Math Matrix HD
Juicy Math	Quick Math Game
Math Bingo	PopMath
Okta's Rescue	iEstimation
Operation Math	Pick-a-Path
Coin Math	Sumdog
Super 7	Conundra Math
Native Numbers PK-K	Cloud Math

July 2016 Entering Second Grade Mathematics Calendar

<p>Take up to 20 pennies. Put some in each hand. Show 1 hand and have an adult figure out how many are hiding. Switch.</p>	<p>Read a math book. (See list for suggestions)</p>	<p>Play Tens Go Fish (See directions) Add up all the pairs. Who has more? How many more?</p>	<p>Go on a Shape Hunt around your home. Look for items shaped like a square, rectangle, and a triangle. Draw and label the items.</p>	<p>Sort the laundry into categories (owner, color or item type). Make a bar graph and compare the categories. How many more? Less?</p>									
<p>Play Double Compare (see directions)</p>	<p>Roll two dice and practice addition and subtraction by adding or subtracting the two numbers.</p>	<p>Are the equations "true" or "false"? Explain. $3 + 4 + 2 = 4$ $+ 5 + 3 = 8 + 1$</p>	<p>Here is a list of numbers: 1 5 10 50 100 Add the following numbers so all numbers will be listed in order from least to greatest 49, 7, 22, 98, and 3</p>	<p>Get a pile of coins. How many ways can you make 25 cents using pennies, nickels and dimes.</p>									
<p>Jump rope and count by tens to 100. Try counting backwards.</p>	<p>I am 7 years old. My sister is 11. Who is younger? By how much?</p>	<p>Play a strategy game like Mancala or Connect Four. Would you use the same strategy the next time you play? Why?</p>	<p>Tell the time that you go to bed to the closest hour or half hour. Draw a picture of the clock's hands for that hour.</p>	<p>Blow a marble, a bottle cap and a pencil across a table. Measure using inches or cm how far they go. Which goes the farthest? By how much?</p>									
<p>Today's number is 18 Make 18 by: -Adding two numbers -Subtracting two numbers -Adding three numbers</p>	<p>If you save two cents every day in the month of July, how much money will you have saved at the end of the month?</p>	<p>Visit a website or app. (See list of suggestions) Explain to an adult what math you learned.</p>	<p>Play Close to 20. How does this help you practice your addition?</p>	<p>How many squares are in this picture?</p> <table border="1" data-bbox="1214 163 1321 506"> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> </table>									

August 2016 Entering Second Grade Mathematics Calendar

<p>Hold an ice cube in your hand. Count by 2's until it melts. Did you count to more or less than 100!</p>	<p>Using a ruler, find 3 things longer than 12 inches and 3 things shorter than 12 inches.</p>	<p>Ask 5 people their phone numbers. Add the digits of each phone number together. Who's phone number has the highest value?</p>	<p>Visit the website www.funbrain.com and do some math. Tell an adult what you did.</p>	<p>Write down the time you eat dinner to the nearest half hour for each day this week. Ex. 6:30 or 5:00.</p>
<p>Go to the park and draw the shapes you see. Do you see more rectangles than triangles?</p>	<p>50 is the answer. What could the question possibly be? Challenge yourself to think of more questions.</p>	<p>Play a strategy game like Checkers or Connect Four. Would you use the same strategy the next time you play?</p>	<p>In one blow, how many bubbles can you make? What are the most bubbles you can blow at one time? How many blows will it take to get to 100?</p>	<p>How many different ways can you cut a sandwich into fourths? Try it with real or paper sandwiches.</p>
<p>Write a story problem to go with $6 + 8$. Now write a subtraction problem for $14 - 6$.</p>	<p>Play Tens Go Fish (See directions) Add up all the pairs. Who has more? How many more?</p>	<p>Ask 10 people their favorite kind of pizza. Record your data in a chart or graph. Compare the results by looking at how many more like one type of pizza.</p>	<p>How much do I have if I have 1 quarter, 2 dimes and 1 nickel? Can you show that value with other coins?</p>	<p>Visit the website www.aplusmath.com and play Hidden Picture in the Game Room.</p>
<p>Use these numbers in a story problem: 18, 9, 9 Ask an adult to solve your story problem</p>	<p>Read a math book. (See list for suggestions)</p>	<p>Play Close to 20</p>	<p>Play one of the recommended games.</p>	<p>Gather a handful of coins with a value less than \$2.00. Calculate the total.</p>

Create Your Own Summer Math Calendar!

Grade _____

If the activities suggested don't seem to "fit your child" or you have your own websites/literature/math practice you would like to do you can create your own math calendar. Feel free to substitute your own activities that better suit your needs or learning style. All we ask is that you document your created activities below. Remember: the goal is to complete 15 activities each month. You can certainly use this sheet to record more!

#	Date Completed	Description of Math Activity
1		
2		
3		
4		
5		
6		
7		

8		
9		
10		
11		
12		
13		
14		
15		

Students' name: _____

Parent's Signature: _____

BMRSD Elementary School Summer Reading and Math Packets

Grade 3

The research is clear that children who don't read during the summer can lose up to three months of reading progress and that loss has a cumulative, long-term effect

~readingrockets.org

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~greatschools.org

At BMRSD we are committed to promoting and supporting success for our students. Research shows that without ongoing practice over the summer months, regression occurs.

This packet provides a structured, systematic approach with common core-based learning activities. Parents are encouraged to set up a schedule to ensure that all work is completed by the first day of school.

We value the importance of time during the summer months to relax and have fun. Our students have worked very hard this past year and certainly deserve a break. As you know you child the best, please create a schedule that will not disrupt your summer routine. Keep in mind these packets are for review and will not be graded. We will acknowledge those students who return completed packets on the first day of school.

Please refer to the attached math summer practice for details. Special thanks to Cambridge Public Schools for providing the model for our math packets.

Tips for Success

- You may assist your child when needed, but please encourage independent work completion.
- Provide a quiet and comfortable place for your child to work.
- Ask your child questions about what he or she is reading.
- If you have any questions, please do not hesitate to call the school.
- Your child is encouraged to read as many books as possible. Each book should be recorded in the book log.
- Your child should select at least two books to read and complete the Remarkable Book Reviewer handout.

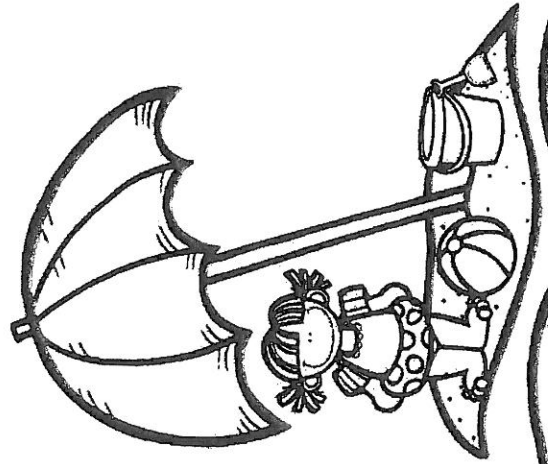
2016 Summer Review Packet

Dear Families,

Here is a summer packet for your child to practice some of the skills they learned throughout the year. The activities should be quick and simple. I want your child to enjoy their summer break, but still retain information learned this past year.

Students should read four "just right" books and respond using the activity sheets provided. Students should also complete the math calendar. Please initial and have your child return the completed work on the first day of school. Thanks for being involved and helping your child succeed!

Thank you,
Second Grade Team



Summer Reading List

Students Entering 3rd Grade

By maintaining an active literacy life over the summer, you ensure your child the best start to the next grade level! ☺ Happy Reading and Writing!

IMPORTANT NOTE TO PARENTS: PLEASE DON'T BECOME CONCERNED OVER READING LEVELS

- In Elementary school, each child is developing on their own continuum, and it is useless to assess your child's strengths as a reader by his/her reading level alone. To develop strength as a reader, *children need lots of time to read lots of books* that are "just right" for their abilities.

FAQ: WILL HAVING MY CHILD READ HARDER BOOKS HELP THEM GET STRONGER AT READING?

Nope! Exactly the opposite can happen!

- It is **critically** important that children not read books that are too difficult for them. Research has shown that reading books that are at the "frustration level" can actually stunt a readers' growth, or send them backwards in their development.
- When in doubt, help your child select books that feel "friendly/familiar" to other books they have enjoyed. Also, check out series books - many of the books in this packet are part of a series. Not only is it fun to follow familiar characters through new adventures and experiences, but reading through a book series can help readers grow!

FAQ – MY CHILD REALLY CAN READ HARDER BOOKS THROUGH – AND WANTS TO! THEY CAN READ ALL THE WORDS ON THE PAGE WITHOUT MAKING MISTAKES. THEY EVEN SEEM TO KNOW WHAT'S GOING ON THE IN STORY. ARE YOU SURE I SHOULDN'T GIVE THEM MUCH HARDER BOOKS?

Good question, but proceed with caution!

- "Harder books" often deal with themes and issues that are more mature. These texts, while perhaps "readable" or "decodable" by your child, may not be developmentally appropriate for your child's age. Also, please keep in mind that just because readers can read each word on the page smoothly and without error, does not mean that they are able to comprehend the sophisticated themes and layered plot lines that these texts may contain.
- If your child is desperate to read a harder book, read it aloud together! ☺ Their ability to comprehend a story by listening to it read aloud is much higher than their ability to understand it alone. Plus, it's a lovely way to bond with your child over your shared love of reading!

Have a safe and happy summer!

Please help your child select books that you are 100% confident your child can read independently *with ease*, and that are clearly written for readers the age of your child. You will see the results of this important, careful book selection work in September! ☺

GREAT WEBSITES FOR CHILDREN'S BOOKS: <http://www.hornbookguide.com>, <http://www.cbcbooks.org/readinglists/>, <http://www.nsta.org/publications/ostb/> and <http://www.nsta.org/recommends/>

<u>LEVEL J - TITLE</u>	<u>AUTHOR</u>	<u>FICTION</u>	<u>NONFICTION</u>
Beezy (series)	McDonald, Megan	X	
Danny And The Dinosaur (series)	Hoff, Syd	X	
Bear (series)	Asch, Frank	X	
Henry And Mudge (series)	Rylant, Cynthia	X	
Little Bear (series)	Minarik, Else L	X	
Curious George (series)	Rey, Margaret	X	
Poppleton (series)	Rylant, Cynthia	X	
Fox (series)	Marshall, Edward	X	
Mr. Putter and Tabby (series)	Rylant, Cynthia	X	
The Snowy Day	Keats, Ezra Jack	X	
Mouse Soup, Owl at Home, etc	Lobel, Arnold	X	
There's An...	Mayer, Mercer	X	
Where The Wild Things Are	Sendak, Maurice	X	
Bugs! Bugs! Bugs!	Dussling, Jennifer		X
Celebrating Chanukah: Eight Nights	Kupperstein, Joel		X
Celebrating Chinese New Year: Nick's New Year	Drew, Rosa		X
Dinosaur Dinners	Davis, Lee		X
Estimating: How Many Gollywomples?	Burstein, John		X
Going By Bus	Ashley, Susan		X
Guinea Pigs	Macken, JoAnn Early		X
Slinky, Scaly Snakes	Dussling, Jennifer		X
The Statue Of Liberty	Penner, Lucille Recht		X
Veterinarian	Gorman, Jacqueline		X

<u>LEVEL K - TITLE</u>	<u>AUTHOR</u>	<u>FICTION</u>	<u>NONFICTION</u>
Arthur's Early Chapter Books (series)	Hoban, Lillian	X	
Clifford (series)	Brickwell, Norman	X	
Golly Sisters (series)	Byars, Betsy	X	
Frog And Toad (series)	Lobel, Arnold	X	
If You Give a Mouse a... (series)	Numeroff, L	X	
Madeline (series)	Bemelmens, Ludwig	X	
Little Bill (series)	Cosby, Bill	X	
Nate The Great (series)	Sharmat, Marjorie W.	X	
Camp Knock Knock (series)	Douglas, Ann	X	
Three Days On A River In A Red Canoe	Williams, Vera B.	X	
Betsy Ross And the Silver Thimble	Greene, Stephanie		X
Chicken Aren't The Only Ones	Heller, Ruth		X
Dinosaur Time	Parish, peggy		X
The Emperor's Egg	Jenkins, Martin		X
Fire Fighter	Royston, Angela		X
First Flight: The Story Of Tom Tate And The Wright Brothers	Shea, George		X
A Girl Named Helen Keller	Lundell, Margo		X
Keep The Lights Burning, Abbie	Roop, Peter And Connie		X
Looking At Maps And Gobles	Bredeson, Carmen		X

<u>LEVEL L - TITLE</u>	<u>AUTHOR</u>	<u>FICTION</u>	<u>NONFICTION</u>
Amelia Bedelia (series)	Parish, Peggy	X	
Cam Jansen (series)	Adler, David A,	X	
Geroge And Martha (series)	Marshall. James	X	
Judy Moody (series)	McDonald, Megan	X	
Miss Nelson Books (series)	Allard, Harry	X	
Pinky And Rex (series)	Howe, James	X	
Black Lagoon (series)	Thaler, Mike	X	
Ginger Brown (series)	Wyeth, Sharon	X	
Deputy Dan (series)	Rosenbloom, Joseph	X	
Horrible Harry (series)	Kline, Suzy	X	
Song Lee (series)	Kline, Suzy	X	
The Bravest Dog Ever: The True Story Of Balto	Standford, Natalie		X
Dinosaur Days	Milton, Joyce		X
Dolphin	Morris, Robert Ada		X
From Flower to Honey	Nelson, Robin		X
From Idea to Book	Marshall. James		X
Hungry, Hungry Sharks	Cole, Joanna		X
The Snow Walker	Wetterer, Margaret K.		X
Thinking About Ants	Brenner, Barbara		X
Whales: The Gentle Giants	Milton, Joyce		X
What's It like To Be A Fish?	Pfeffer, Wendy		X

<u>LEVEL M - TITLE</u>	<u>AUTHOR</u>	<u>FICTION</u>	<u>NONFICTION</u>
Alexander and the...(series)	Viorst, Judith	X	
Arthur (series)	Brown, Marc	X	
Sports Stories (series)	Christopher, Matt	X	
Bailey School Kids (series)	Dadey, Debbie	X	
Polk Street School (series)	Giff, Patricia Reilly	X	
Magic Treehouse (series)	Osborne, Mary Pope	X	
Junie B Jones (series)	Park, Barbara	X	
Russell (series)	Hurwitz, Johanna	X	
Berenstain Bears (series)	Berenstain, S and J	X	
Mary Marony (series)	Kline, Suzy	X	
Freckle Juice	Blume, Judy	X	
Molly's Pilgrim	Cohen, Barbara	X	
The One In The Middle Is The Green Kangaroo	Blume, Judy	X	
Too Many Tamales	Soto, Gary	X	
Abe Lincoln's Hat	Brenner, Martha		X
Buddy, The First Seeing Eye Dog	Moore, Eva		X
Five True Dog Stories	Davidson, Margaret		X
George Washington's Mother	Fritz, Jean		X
How A House Is Built	Gibbons, Gail		X
Kate Shelley And The Midnight Express	Wetterer, Margaret K.		X
A Picture Book Of Rosa Parks	Adler, David A.		X
Titanic: the Disaster That Shocked The World	Dubowski, Mark		X

<u>LEVEL N - TITLE</u>	<u>AUTHOR</u>	<u>FICTION</u>	<u>NONFICTION</u>
A-Z Mysteries (series)	Roy, Ron	X	
Amber Brown (series)	Danziger, Paula	X	
Encyclopedia Brown (series)	Sobel, David	X	
The Stories Julian Tells (series)	Cameron, Ann	X	
Herbie Jones (series)	Kline, Suzy	X	
Chicken Sunday	Polacco, Patricia	X	
The Chocolate Touch	Catling, Patrick Skene	X	
How to Be Cool in the 3 rd Grade	Douglas, Ann	X	
My Name Is Maria Isabel	Ada, Alma F.	X	
Shoeshine Girl	Bulla, Clyde R.	X	
All Pigs Are Beautiful	King-Smith, Dick		X
Helen Keller: Courage In the dark	Hurwitz, Johanna		X
How A Book Is Made	Aliki		X
Jackie Robinson And the Story Of All-Black Baseball	O'Connor, Jim		X
Just A Few Words, Mr. Lincoln	Fritz, Jean		X
Louis Braille, The Boy Who Invented Books For The Blind	Davidson, Margaret		X
My Great-Aunt Arizona	Houston, Gloria		X
Pompeii - Buried Alive!	Kunhardt, Edith		X
Shark Attack!	Dubowski, Cathy East		X
The Titanic: Lost.....And Found	Donnelly, Judy		X
<u>LEVEL O - TITLE</u>	<u>AUTHOR</u>	<u>FICTION</u>	<u>NONFICTION</u>
Babysitters Club (series)	Martin, Ann M	X	
Baseball Saved Us	Mochizuki, Ken	X	
The Boxcar Children (series)	Warner, Gertrude C.	X	
Chocolate Fever	Smith, Robert K.	X	
Class Clown, Class President, Baseball Fever	Hurwitz, Johanna	X	
The Courage Of Sarah Noble	Dalgliesh, Alice	X	
Aldo Applesauce (series)	Hurwitz, Johanna	X	
Henry (series)	Cleary, Beverly	X	
The Mouse And the Motorcycle (series)	Cleary, Beverly	X	
Pippi Longstocking (series)	Lindgren, Astrid	X	
Ramona (series)	Cleary, Beverly	X	
Ant Cities	Dorros, Arthur		X
Baseball's Best: Five True Stories	Gutelle, Andrew		X
Corn Is Maize	Allki		X
How My Family Lives In America	Kuklin, Susan		X
I Am Rosa Parks	Parks, Rosa with Jim Haskins		X
Is there Life In Outer Space?	Branley, Franklyn M.		X
The Story Of Ruby Bridges	Coles, Robert		X
Ten True Animal Rescues	Betancourt, Jeanne		X
What's The Big Idea, Ben Franklin?	Fritz, Jean		X
Space Station Plot and Other Cases	Simon, Seymour		X
Gigantic Ants and Other Cases	Simon, Seymour		X

<u>LEVEL P - TITLE</u>	<u>AUTHOR</u>	<u>FICTION</u>	<u>NONFICTION</u>
Hank the Cowdog (series)	Erickson, John	X	
Fantastic Mr. Fox, The Twits,	Dahl, Roald	X	
Magic School Bus (series)	Joanna Cole	X	
Time Warp Trio (series)	Scieszka, Jon	X	
Wayside School (series)	Sachar, Louis	X	
Flat Stanley (series)	Brown, Jeff	X	
Skinnybones (series)	Park, Barbara	X	
Bunnicula (series)	Howe, James	X	
Best School Year Ever	Robinson, B	X	
Best Enemies	Leverich, Kathleen	X	
Tar Beach	Ringgold, Faith	X	
Through Grandpa's Eyes	MacLachlan, Patricia	X	
Andrew Carnegie: Builder Of Libraries	Simon, Charman		X
Balto And The Great Race	Kimmel, Elizabeth C.		X
Brainstorm	Tucker, Tom		X
Dinosaur Bones	Aliki		X
The Land I Lost	Huynh, Quang Nhuong		X
The Magic School Bus Lost in The Solar System	Cole, Joanna		X
Rosa, Parks	Greenfield, Eloise		X
Tut's Mummy Lost.... And Found	Donnelly, Judy		X
Water Buffalo Days	Huynh, Quang Nhuong		X
What Are You Figuring Now? A Story About Benjamin Banneker	Ferris, Jeri		X

Summer Reading

Need suggestions for beach reading or books to bring to camp? Check out these hand-picked titles that are ideal for the season.

Picture Books

Thunder-Boomer! written by Shutta Crum, illustrated by Carol Thompson

A satisfying picture book captures all the drama and power of a summer storm even as it rewards readers with a smaller-scale, homey story. Grade level: K-3. 32 pages.

Sky Magic selected by Lee Bennett Hopkins, illustrated by Mariusz Stawarski (Dutton)

Striking and boldly colored images fuel this collection of poetry dedicated to the sky, from day to night. Grade level: K-3. 32 pages.

Hooray for Summer! written and illustrated by Kazuo Iwamura

In this old-fashioned picture book translated from the Japanese, three little squirrel children play outside until a sudden thunderstorm blows in. Grade level: K-3. 28 pages.

Ready for Anything! written and illustrated by Keiko Kasza (Putnam)

Despite the nice weather, melodramatic Raccoon ponders what could go wrong if he and his friend Duck go on a picnic. Grade level: K-3. 32 pages.

Tonight I read (title): _____

I read for _____ minutes and I read _____ pages

Choose 2 activities from this list

- Draw a picture
- Tell about your favorite part
- List questions you have after reading
- Tell about a funny part
- Make a prediction
- Tell about the most important part
- List new and interesting words you noticed.
- Tell all about a character (draw a picture too!)
- Tell all about the setting
- Tell about the most important part
- CHOICE

Activity #1	Activity #2

Tonight I read (title): _____

I read for _____ minutes and I read _____ pages

Choose 2 activities from this list

- Draw a picture
- Tell about your favorite part
- List questions you have after reading
- Tell about a funny part
- Make a prediction
- Tell about the most important part
- List new and interesting words you noticed.
- Tell all about a character (draw a picture too!)
- Tell all about the setting
- Tell about the most important part
- CHOICE

Activity #1	Activity #2

Tonight I read (title): _____

I read for _____ minutes and I read _____ pages

Choose 2 activities from this list

- Draw a picture
- Tell about your favorite part
- List questions you have after reading
- Tell about a funny part
- Make a prediction
- Tell about the most important part

- List new and interesting words you noticed.
- Tell all about a character (draw a picture too!)
- Tell all about the setting
- Tell about the most important part
- CHOICE

Activity #1	Activity #2

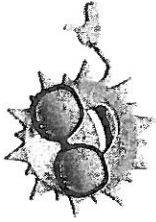
Tonight I read (title): _____

I read for _____ minutes and I read _____ pages

Choose 2 activities from this list

- Draw a picture
- Tell about your favorite part
- List questions you have after reading
- Tell about a funny part
- Make a prediction
- Tell about the most important part
- List new and interesting words you noticed.
- Tell all about a character (draw a picture too!)
- Tell all about the setting
- Tell about the most important part
- CHOICE

Activity #1	Activity #2



Summer Math Learning Packet

Students Entering Grade 3

The daily activities in this summer math packet will review math concepts and skills of the grade that has just been completed during the 2015-2016 school year. Just a few minutes each day spent “thinking and talking math” will help reinforce the math that has been learned and begin to bridge the foundation for extending to the concepts that will be developed next year. The goal is for you to have fun thinking and working collaboratively to communicate mathematical ideas. While you are working ask how the solution was found and why a particular strategy was chosen.

The math practice in this summer packet address the new Massachusetts Curriculum Framework for Mathematics which incorporates the Common Core Standards addressing these 4 critical areas in grade 2:

- (1) extending understanding of base-ten notation
- (2) building fluency with addition and subtraction
- (3) using standard units of measure (4) describing and analyzing shapes.

The packet consists of 2 calendar pages, one for July and one for August, as well as directions for math games to be played at home. Literature, worksheets, APPs and websites are also recommended to explore mathematics in new ways. We encourage you to complete at least 15 math days each month.

Directions:

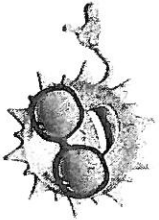
Do your best to complete as many of these summer math activities as you can! If using the math calendars, have your child color in each box when the activity is completed. Some activities may require a written or drawn response. Please attach to the calendar. If choosing an alternative math activity (see list), use the blank pages provided to create your own summer math calendar. To do a combination of both options, the goal is to complete and log 15 math activities per month.

Student Accountability

The intention is that your child spends time practicing math. Your child should aim to complete at least 30 math practice activities over the course of the summer. When your child has completed the math requirements, please sign and return this paper and calendars to the second grade teacher.

Parent signature _____

_____ Date



Grade 3 Summer Math Ideas

Games To Play (You will need a deck of cards)

1. Compare

Remove the face cards from a deck of cards. Remember an Ace is the same as 1. Pass out all cards in the deck among all of the players. Each player flips over two cards at the same time and finds the sum. The one with the larger sum takes the cards. If the sums are the same, turn over 2 more cards. The player with the largest sum keeps all four cards.

2. Tens Go Fish

Remove the face cards from a deck of cards. Deal 5 cards to each player. Each player looks for cards that make 10, and they draw new cards from the deck to replace them. Players take turns asking each other for a card that will make 10 with a card from their hand. A player's turn is over when no more pairs can be made. The game is over when there are no more cards. Both players record their combinations of 10.

3. Close to 20

Remove the face cards from a deck of cards. Deal 3 cards to each player. Which two cards brings you closest to 10? Which player is closest to 10?
Example: You turn over the cards 5, 4, 3 and your opponent turns over an Ace, 8, and 3. You can make 9 (5 and 4) and your opponent can make 9 (Ace and 8) or 11 (8 and 3). It's a tie since you are both 1 away from 10!

Other games to play: Checkers, Memory, jigsaw puzzles, Parcheesi, Fish, Crazy Eights, Connect Four, Legos, K'Nex.

Worksheets to Practice Math

<http://www.gregtangmath.com/>

<http://www.commoncoresheets.com/>

Math Books to Read

Roosters Off to See the World by Eric Carle

Animals on Board by Stuart J. Murphy

Twenty is Too Many by Kate Duke

A Fair Bear Share by Stuart J. Murphy

Alexander Who Used to Be Rich Last Sunday by Judith Viorst

From One to One Hundred by Teri Sloat

Elevator Magic by Stuart J. Murphy

17 Kings and 42 Elephants by Margaret Mahy

Lights Out! by Lucille Recht Penner

Subtraction Action by Loreen Leedy

All About Shape by Irene Yates

Jump, Kangaroo, Jump! By Stuart J. Murphy

Super Sand Castle Saturday by Stuart J. Murphy

Weight by Henry Pluckrose, Chris Fairclough

What Time is it? by Sheila Keenan

Just Graph It by Sandi Hill

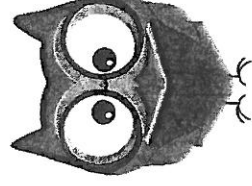
How Much, How Many, How Far, How Heavy, How Long, How

Tall is 1000? by Helen Nolan

Shark Swimathon by Stuart J. Murphy

What Comes in 2's, 3's and 4's? by Suzanne Aker

A Remainder of One by Alinor Pinczes



Educational and Fun APPS and Websites to Practice Math

Please take some time to do these activities and record your choices on the “Create Your Own Summer Math Calendar!” sheet provided.

Websites

Here are websites that you can access at home or at your public library if you do not have a computer at home

<http://www.funbrain.com/>

<http://www.aplusmath.com/>

<http://pbskids.org/cyberchase/math-games/>

<http://illuminations.nctm.org/ActivitySearch.aspx>

<http://www.gregtangmath.com/>

<http://www.coolmath4kids.com/>

<http://bedtimemath.org>

<http://www.playkidsgames.com/>

<http://www.coolmath.com/>

<http://www.figurethis.org/index.html>

<http://resources.oswego.org/games/mathmagician/cathymath.html>

APPS to Practice Math!

Try handing your smartphone or iPad to your child while you are driving or watching TV and let them practice their math on a free or inexpensive app.

APPS for 3 - 5

Everyday Mathematics, Beat the Computer, Multiplication

Everyday Mathematics, Divisibility Dash

Everyday Mathematics, Equivalent Fractions

Juicy Math – Multiplication and Division

Motion Math HD

Pizza Fractions: Basic Conversions

Pizza Fractions: Comparing Simple Fractions

Times Tables

Tony's Fraction's Pizza Shop

Pearl Diver 3 – 8

APPS for all Grades

Fast Math

Fast Math Challenge HD

Fraction App by Tap to Learn

Kakooma

Math Matrix HD

Quick Math Game

PopMath

iEstimation

Pick-a-Path

Sumdog

Conundra Math

Cloud Math

July 2016 Entering Third Grade Mathematics Calendar

<p>Play Hidden Picture Addition www.aplusmath.com</p>	<p>Ask an adult to teach you a card trick. Practice the trick and try it out on a friend. What math was involved?</p>	<p>Plant a seed. Will it grow to be about 12 inches or 12 feet? How do you know? Measure and record the height twice a week to keep track of how high it grows.</p>	<p>Play a strategy game Othello or Checkers Did your strategy work? Will you try a different strategy the next time you play?</p>	<p>$500+60+8$ is a number. Write it as a three-digit number. Write its name in words. Draw a picture to represent the number. Locate it on the number line.</p>
<p>You have \$1.50 in your pocket. Make a list of 10 different combinations of coins you could have in your pocket.</p>	<p>Cut out a picture from a magazine or newspaper. Glue it to a piece of paper. Write a story problem to go along with the picture. Challenge a friend to solve it!</p>	<p>Find a flower with an odd number of petals. Do all flowers have the same number of petals?</p>	<p>Read a math book. (See list for suggestions)</p>	<p>You won first place at a contest! You have two choices for the prize - You can take \$20 home with you today OR \$2 a day for the next 15 days. Which option earns more money? How much more?</p>
<p>Add the ages of all the people who live in your house. What is the sum? Is it greater than or less than 100, by how much?</p>	<p>Keep track of the temperature everyday for the week. Draw a bar graph. Compare the difference in temperatures.</p>	<p>Using sidewalk chalk write as many number facts you know in one minute.</p>	<p>Use all the digits 5, 7, and 2 to create different 3- digit numbers. What is the greatest number? What is the smallest number? How do you know?</p>	<p>Use to complete the following number sentences. $657 \text{ ___ } 457+100 + 100$ $923+10 \text{ ___ } 953-10-10-10$ Can you write some?</p>
<p>Find at least 5 different ways to make \$1.00 using nickels, dimes, and quarters.</p>	<p>Play <u>Close to 100</u> (see directions) How does it help you to get better at addition?</p>	<p>How many times can you hop on your left foot in a minute? Your right foot? Compare the number of hops using the symbols $>$, $=$, $<$. What is the difference?</p>	<p>Pia was having a party. She put 10 stickers in each party bag. She made 12 bags with ten stickers in each one. How many stickers t</p>	<p>100 is the answer, what could the question possibly be? Challenge yourself to think of more questions.</p>

August 2016 Entering Third Grade Mathematics Calendar

<p>Write down the years people who live with you were born. Put them in order from least to greatest.</p>	<p>Stand and jump as far as you can, measure using a yardstick or meterstick. Jump 3 times and compare your measurements?</p>	<p>How long will it be to your birthday in days? Use a calendar to keep track.</p>	<p>Find 20 coins in your house. What do they add up to? Is it more or less than \$3.00</p>	<p>Write the numbers below in expanded form for. (Ex. 583 = 500 +80 +3) 729 846 295</p>
<p>Compare and record some three-digit numbers using $>$, $<$ and $=$. Example: $324 > 314$</p>	<p>Play <u>Hidden Picture</u> <u>Subtraction</u> www.aplusmath.com</p>	<p>Go on a shape hunt for quadrilaterals how many can you find? How are their attributes the same or different?</p>	<p>$115 + 6 = 113 + \underline{\quad}$ Copy this problem in your journal and fill in the blank. Explain how you got the answer.</p>	<p>If you start playing a game at 8 a.m. and play for 1 and a half hour, what time is it when you're done? How do you know?</p>
<p>Use to complete the following number sentences. $347+30=\underline{\quad}$ $397-10=10$ $926-\underline{\quad}=726+100+10$ Can you write some?</p>	<p>Starting with 101, skip count by 100 until you get to 1,001. What pattern do you notice? Try different numbers to start with, does the pattern change?</p>	<p>Use a grocery store flyer to plan a breakfast. List all the items you need and record the price of each item. How much will breakfast cost?</p>	<p>Do a Sudoku puzzle in the newspaper.</p>	<p>How many ten-dollar bills equal a hundred-dollar bill? Jen had 20 ten-dollar bills. How many hundred dollar bills can she trade them for?</p>
<p>Play Guess My Rule www.mathplayground.com Did you learn new math vocabulary?</p>	<p>Estimate how long it will take you to do 100 jumping jacks. Did it take more or less than 5 minutes? Record your time and compare with a friend.</p>	<p>Find a bar graph in the newspaper and talk to an adult about what the numbers mean.</p>	<p>Explore one of the recommended website What math did you learn?</p>	<p>Play <u>Compare</u> (see directions) How does this help you to practice your facts?</p>

Create Your Own Summer Math Calendar!

Grade _____

If the activities suggested don't seem to "fit your child" or you have your own websites/literature/math practice you would like to do you can create your own math calendar. Feel free to substitute your own activities that better suit your needs or learning style. All we ask is that you document your created activities below. Remember: the goal is to complete 15 activities each month. You can certainly use this sheet to record more!

#	Date Completed	Description of Math Activity
1		
2		
3		
4		
5		
6		
7		

8		
9		
10		
11		
12		
13		
14		
15		

Students' name: _____

Parent's Signature: _____

BMRSD Elementary School Summer Reading and Math Packets

Grade 4

The research is clear that children who don't read during the summer can lose up to three months of reading progress and that loss has a cumulative, long-term effect

~readingrockets.org

Children typically forget some of what they learned during the school year if they don't engage in learning activities over the summer. This is particularly true in math. A study by researchers at the University of Missouri shows that on average students lost about 2.6 months of math learned over the summer.

~greatschools.org

At BMRSD we are committed to promoting and supporting success for our students. Research shows that without ongoing practice over the summer months, regression occurs.

This packet provides a structured, systematic approach with common core-based learning activities. Parents are encouraged to set up a schedule to ensure that all work is completed by the first day of school.

We value the importance of time during the summer months to relax and have fun. Our students have worked very hard this past year and certainly deserve a break. As you know you child the best, please create a schedule that will not disrupt your summer routine. Keep in mind these packets are for review and will not be graded. We will acknowledge those students who return completed packets on the first day of school.

All students entering Grade 4 will be reading Stone Fox by John Reynolds Gardiner. A copy of the book will be provided for all students. Upon completion, students will use the attached form to write their summary. This book will be used by teachers to launch Reader's Workshop the first days of school. We certainly encourage all students to read at least one additional book of their choice (see attached list). The Reading Log should include any additional books read.

Please refer to the attached math summer practice for details. Special thanks to Cambridge Public Schools for providing the model for our math packets.

Tips for Success

- You may assist your child when needed, but please encourage independent work completion
- Provide a quiet and comfortable place for your child to work
- Ask your child questions about what he or she is reading
- If you have any questions, please do not hesitate to call the school

Recommended Reading for Fountas and Pinnell Guided Reading
Compiled by RCS Media Specialists

Level K

***-Highly recommended**

Bread and Jam for Frances (and others of the Frances series) -- Russell Hoban
Caps for Sale -- Esphyr Slobodkina
***The Day Jimmy's Boa Ate the Wash -- Trinka Hakes Noble**
***Frog and Toad Together (and others of the Frog and Toad series) -- Arnold Lobel**
How Big Is a Foot? -- Rolf Myller
Mercy Watson to the Rescue (and others of the Mercy Watson series) -- Kate DiCamillo
The Moon -- Martha E. H. Rustad
***Nate the Great and the Missing Key (and others of the Nate the Great series) -- Marjorie Weinman Sharmat**
One Hundred Hungry Ants -- Elinor J. Pinczes
Strega Nona: Her Story -- Tomie DePaola

Recommended Reading for Fountas and Pinnell Guided Reading
Compiled by RCS Media Specialists

Level L

***-Highly recommended**

***Amelia Bedelia (and others of the Amelia Bedelia series) -- Peggy Parish**
Big Al -- Andrew Elborn
Dear Mr. Blueberry -- Simon James
***George and Martha Encore (and others of the George and Martha series) -- James Marshall**
The Golden Goose -- Dick King-Smith
***Gregory, the Terrible Eater -- Mitchell Sharmat**
Horrible Harry and the Ant Invasion (and others of the Horrible Harry series) -- Suzy Kline
Hungry, Hungry Sharks -- Joanna Cole
***Miss Nelson Is Missing! (and others of the Miss Nelson series) -- Harry Allard**
The Perfect Pumpkin Pie -- Denys Cazet
The Tale of Peter Rabbit -- Beatrix Potter
Tales of Oliver Pig (and others of the Amanda and Oliver Pig series) -- Jean Van Leeuwen
Tales from the Waterhole -- Bob Graham
***Upstairs Mouse, Downstairs Mole -- Wong Herbert Yee**
Wemberly Worried -- Kevin Henkes
***What a Trip, Amber Brown -- Paula Danzinger**

Recommended Reading for Fountas and Pinnell Guided Reading
Compiled by RCS Media Specialists

Level M

*-Highly recommended

- ***Alexander and the Terrible, Horrible, No Good, Very Bad Day** -- Judith Viorst
Boundless Grace -- Mary Hoffman
Cloudy with a Chance of Meatballs -- Judi Barrett
Clues in the Woods -- Peggy Parish
***Dinosaurs before Dark (and others of the Magic Tree House series)** -- Mary Pope Osborne
***Elmer and the Dragon** -- Ruth Stiles Gannett
***Freckle Juice** -- Judy Blume
The Gardener -- Sarah Stewart
The Holly Joliday -- Megan McDonald
Ivy + Bean (and others of the Ivy + Bean series) -- Annie Barrows
***Junie B. Jones and the Stupid Smelly Bus (and others of the Junie B. Jones series)** -- Barbara
Park
Kate Shelley and the Midnight Express -- Margaret Wetterer
***The Littles (and others of the Littles series)** -- John Lawrence Peterson
Miss Rumphius -- Barbara Cooney
***The One in the Middle is the Green Kangaroo** -- Judy Blume
The Paperboy -- Dav Pilkey
Snaggle Doodles (and others of the Kids of the Polk Street School series) -- Patricia Reilly Giff
***Stink: The Incredible Shrinking Kid (and others of the Stink Moody series)** -- Megan
McDonald
Vampires Don't Wear Polka Dots (and others of the Adventures of the Bailey School Kids series) --
Debbie Dadey

Level N

*-Highly recommended

- 26 Fairmont Avenue -- Tomie DePaola
***The Absent Author (and others of the A to Z Mysteries series)** -- Ron Roy
Andy and Tamika -- David Adler
Chicken Sunday -- Patricia Polacco
***The Enormous Crocodile** -- Roald Dahl
The Gadget War -- Betsy Duffy
Goldie (and others of the Puppy Place series) -- Ellen Miles
***Gooney Bird Green** -- Lois Lowry
The Grapes of Math: Mind-Stretching Math Riddles -- Greg Tang
Hey, Al -- Arthur Yorinks
***Invisible Stanley (and others of the Stanley Lambchop Adventure (Flat Stanley) series)** -- Jeff
Brown
The Magic Finger -- Roald Dahl
***The Pain and the Great One** -- Judy Blume
The Paperboy -- Dav Pilkey
Smelly Socks -- Robert Munsch
Trolls on Vacation -- Alan MacDonald
Why Mosquitoes Buzz in Peoples Ears: A West African Tale -- Verna Aardema
***Young Martin's Promise** -- Walter Dean Myers

Recommended Reading for Fountas and Pinnell Guided Reading
Compiled by RCS Media Specialists

Level O

***-Highly recommended**

Back to School Mallory (and others of the Mallory series) -- Laurie B. Friedman
Beezus and Ramona (and others of the Ramona Quimby series) -- Beverly Cleary
The Dinosaur Alphabet Book -- Jerry Pallotta
Hairy, Scary, Ordinary: What is an Adjective? -- Brian Cleary
***The Hidden Stairs and the Magic Carpet (and others of the Secrets of Droon series) -- Tony Abbott**
***The Mouse and the Motorcycle (and others of the Ralph S. Mouse series) -- Beverly Cleary**
The Mystery Bookstore (and others of the Boxcar Children Mysteries series) -- Gertrude Chandler Warner
Pippi Longstocking (and others of the Pippi Longstocking series) -- Astrid Lindgren
Rats! -- Jane Cutler
Utterly Me, Clarice Bean -- Lauren Child

Level P

***-Highly recommended**

***97 Ways to Train a Dragon (and others of the Dragon Slayers' Academy series) -- Kate McMullan**
100 Days and 99 Nights: A Novel -- Alan Madison
2095 (and others of the Time Warp Trio series) -- Jon Scieszka
The Battle for the Castle -- Elizabeth Winthrop
The Best School Year Ever -- Barbara Robinson
Calvin Coconut: Trouble Magnet -- Graham Salisbury
Confetti Girl -- Diana Lopez
The Diamond Champs -- Matt Christopher
Encyclopedia Brown Boy Detective (and others of the Encyclopedia Brown series) -- Donald J. Sobel
The Hundred Dresses -- Eleanor Estes
Justin and the Best Biscuits in the World -- Mildred Pitts Walter
Sam Samurai (and others of the Time Warp Trio series) -- Jon Scieszka
The School Mouse -- Dick King-Smith
Snot Stew -- Bill Wallace,
Stone Fox -- John Reynolds Gardiner
Thank you, Jackie Robinson -- Barbara Cohen
Who Stole the Wizard of Oz? -- Avi

Recommended Reading for Fountas and Pinnell Guided Reading
Compiled by RCS Media Specialists

Level Q

***-Highly recommended**

- Anastasia at Your Service (and others of the Anastasia Krupnik series) -- Lois Lowry
- *Bunnicula: A Rabbit-Tale of Mystery (and others of the Bunnicula series) -- Deborah and James Howe**
- The Clue at the Bottom of the Lake (and others of the Cabin Creek Mysteries series) -- Kristiana Gregory
- The Cybil War -- Betsy Byars
- *Dear Mr. Henshaw -- Beverly Cleary**
- Fourth-Grade Celebrity -- Patricia Reilly Giff
- The Great Quarterback Switch -- Matt Christopher
- Hannah of Fairfield (and others of the Pioneer Daughters series) -- Jean Van Leeuwen
- Happy Birthday, Samantha! : A Springtime Story (and others of The American Girls Collection series) -- Valerie Tripp
- *Help! I'm a Prisoner in the Library -- Eth Clifford**
- *James and the Giant Peach: A Children's Story -- Roald Dahl**
- *Mr. Popper's Penguins -- Richard Atwater**
- The Mystery of Merlin and the Gruesome Ghost (and others of the Humpty Dumpty Jr: Hardboiled Detective series) -- Nate Evans
- *Nothing Ever Happens on 90th Street -- Roni Schotter**
- Oggie Cooder -- Sarah Weeks
- *Pony on the Porch (and others of the Animal Ark series) -- Ben M. Baglio**
- *Tales of a Fourth Grade Nothing -- Judy Blume**
- *The True Story of the 3 Little Pigs -- Jon Scieszka**
- You Be the Jury -- Marvin Miller

Recommended Reading for Fountas and Pinnell Guided Reading
Compiled by RCS Media Specialists

Level R

***-Highly recommended**

- *The 18th Emergency -- Betsy Cromer Byars**
- *Attack of the Tagger -- Wendelin Van Draanen**
- *Because of Winn-Dixie -- Kate DiCamillo**
- Black Gold -- Marguerite Henry**
- Caddie Woodlawn -- Carol Ryrie Brink**
- *The Castle in the Attic -- Elizabeth Winthrop**
- *The Celery Stalks at Midnight -- James Howe**
- The Chameleon Wore Chartreuse: From the Tattered Casebook of Chet Gecko, Private Eye (and others of the Chet Gecko Mystery series) -- Bruce Hale**
- *Charlie and the Chocolate Factory -- Roald Dahl**
- *Charlie and the Great Glass Elevator -- Roald Dahl**
- *Charlotte's Web -- E. B. White**
- Danger on Panther Peak -- Bill Wallace**
- *Day of the Iguana (and others of the Hank Zipzer, the World's Greatest Underachiever series) -- Henry Winkler**
- *Frindle -- Andrew Clements**
- *Hatchet -- Gary Paulsen**
- *The Homework Machine -- Dan Gutman**
- *How to Eat Fried Worms -- Thomas Rockwell**
- *The Indian in the Cupboard -- Lynne Reid Banks**
- *The Monster's Ring -- Bruce Coville**
- *Rules -- Cynthia Lord**
- *Sarah, Plain and Tall -- Patricia MacLachlan**
- *Shiloh -- Phyllis Reynolds Naylor**
- *Snow Treasure -- Marie McSwigan**
- Snowboard Showdown -- Paul Mantell**
- *Strider -- Beverly Cleary**
- Sun & Spoon -- Kevin Henkes**

Recommended Reading for Fountas and Pinnell Guided Reading
Compiled by RCS Media Specialists

Level S

***-Highly recommended**

- *A Dog's Life: The Autobiography of a Stray -- Ann M. Martin**
- *From the Mixed Up Files of Mrs. Basil E. Frankweiler -- E.L. Konigsburg**
- The Good Dog -- Avi
- *Granny Torrelli Makes Soup -- Sharon Creech**
- In the Year of the Boar and Jackie Robinson -- Bette Lord
- Lily's Crossing -- Patricia Reilly Giff
- The Million Dollar Shot -- Dan Gutman
- My Life in Dog Years -- Gary Paulsen
- On My Honor -- Marion Dane Bauer
- Sahara Special -- Esme Raji Codell
- *Taking Sides -- Gary Soto**
- Time for Andrew: A Ghost Story -- Mary Downing Hahn
- The Van Gogh Café -- Cynthia Rylant

Recommended Reading for Fountas and Pinnell Guided Reading
Compiled by RCS Media Specialists

Level T

***-Highly recommended**

- Agnes Parker... Girl in Progress -- Kathleen O'Dell
- Behind Rebel Lines: The Incredible Story of Emma Edmonds, Civil War Spy -- Seymour Reit
- *Bud, Not Buddy -- Christopher Paul Curtis**
- *Chasing Vermeer -- Blue Balliett**
- Joey Pigza Swallowed the Key (and others of the Joey Pigza series) -- Jack Gantos
- The Lion, the Witch and the Wardrobe (and others of the Chronicles of Narnia series) -- C.S. Lewis
- *Love That Dog -- Sharon Creech**
- Nory Ryan's Song -- Patricia Reilly Giff
- Notes from a Liar and Her Dog -- Gennifer Choldenko
- *Sammy Keyes and the Hotel Thief (and others of the Sammy Keyes series) -- Wendelin Van Draanen**
- Shoeless Joe and Me: A Baseball Card Adventure -- Dan Gutman
- Surviving the Applewhites -- Stephanie S. Tolan
- The Tiger's Apprentice -- Lauren Yep

Recommended Reading for Fountas and Pinnell Guided Reading
Compiled by RCS Media Specialists

Level U

*-Highly recommended

***The BFG -- Roald Dahl**
Ella Enchanted -- Gail Carson Levine
The Fledgling -- Jane Langton
Harriet Tubman and the Underground Railroad -- Michael Martin
***If You're Reading This, It's Too Late -- Pseudonymous Bosch**
Julie of the Wolves -- Jean Craighead George
***The Miraculous Journey of Edward Tulane -- Kate DiCamillo**
The Name of this Book is Secret -- Pseudonymous Bosch
***Number the Stars -- Lois Lowry**
Ragweed -- Avi
Report to the Principal's Office -- Jerry Spinelli
Rosa Parks: My Story -- Rosa Parks
***The Tale of Despereaux -- Kate DiCamillo**
The Watsons Go to Birmingham -- Christopher Paul Curtis
The Wizard of Oz -- Frank L. Baum

Level V

*-Highly recommended

Alice in Wonderland -- Lewis Carroll
Baseball in April and Other Stories -- Gary Soto
The Birthday Room -- Kevin Henkes
The Cat Ate My Gymsuit -- Paula Danziger
Crash -- Jerry Spinelli
The Fighting Gourd -- Avi
Gossamer -- Lois Lowry
Gregor the Overlander (and others of the Underland Chronicles series) -- Suzanne Collins
The Gypsy Game -- Zilpha Keatley Snyder
***Holes -- Louis Sachar**
Island of the Blue Dolphins -- Scott O'Dell
Loser -- Jerry Spinelli
Mrs. Frisby and the Rats of NIMH -- Robert C. O'Brien
My Side of the Mountain -- Jean Craighead George
***The Mysterious Benedict Society (and others of the Mysterious Benedict Society series) --
Trenton Lee Stewart**
Old Yeller -- Fred Gipson
***Olive's Ocean -- Kevin Henkes**
Stargirl -- Jerry Spinelli
Things Not Seen -- Andrew Clements
The True Confessions of Charlotte Doyle -- Avi
***Tuck Everlasting -- Natalie Babbitt**
***The Westing Game -- Ellen Raskin**

Recommended Reading for Fountas and Pinnell Guided Reading
Compiled by RCS Media Specialists

Level W

***-Highly recommended**

- *Bone. 1, Out from Boneville (and others of the Bone series) -- Jeff Smith**
- *The City of Ember -- Jeanne DuPrau**
- Coraline -- Craig P. Russell**
- *Crispin: The Cross of Lead -- Avi**
- *Dragonwings (and others of the Golden Mountain Chronicles series) -- Laurence Yep**
- A Drowned Maiden's Hair: A Melodrama -- Laura Amy Schlitz**
- *Freak the Mighty -- W. R. Philbrick**
- *Harriet Tubman, Secret Agent: How Daring Slaves and Free Blacks Spied for the Union
During the Civil War -- Thomas B. Allen**
- *The Higher Power of Lucky -- Susan Patron**
- Home of the Brave -- Katherine Applegate**
- *Inkheart -- Cornelia Caroline Funke**
- Maniac Magee -- Jerry Spinelli**
- *Roll of Thunder, Hear My Cry -- Mildred D. Taylor**
- *The Titan's Curse -- Rick Riordan**
- *Walk Two Moons -- Sharon Creech**

Recommended Reading for Fountas and Pinnell Guided Reading
Compiled by RCS Media Specialists

Level X

***-Highly recommended**

- *Al Capone Does My Shirts -- Gennifer Choldenko**
- Beast -- Donna Jo Napoli**
- The Black Pearl -- Scott O'Dell**
- Crossing Jordan -- Adrian Fogelin**
- *The Dark is Rising (and others of the Dark is Rising Sequence series) -- Susan Cooper**
- *Dicey's Song (and others of the Tillerman Cycle series) -- Cynthia Voigt**
- *The Egypt Game -- Zilpha Keatley Snyder**
- Elie Wiesel: A Holocaust Survivor Cries Out for Peace -- Sarah Houghton**
- *Gathering Blue -- Lois Lowry**
- Peter and the Starcatchers -- Dave Barry**
- The Postcard -- Tony Abbott**
- *Travel Team -- Mike Lupica**
- *The Wednesday Wars -- Gary Schmidt**
- *Where the Red Fern Grows: The Story of Two Dogs and a Boy -- Wilson Rawls**
- Within Reach: My Everest Story -- Mark Pfetzer**

Recommended Reading for Fountas and Pinnell Guided Reading
Compiled by RCS Media Specialists

Level Y

*-Highly recommended

- ***Artemis Fowl (and others of the Artemis Fowl series) -- Eoin Colfer**
- A Corner of the Universe -- Ann M. Martin
- The Face on the Milk Carton -- Caroline B. Cooney
- ***The Giver -- Lois Lowry**
- Just Ella -- Margaret Peterson Haddix
- Lost in Cyberspace -- Richard Peck
- My Brother Sam is Dead -- James Lincoln Collier
- Numbering all the Bones -- Ann Rinaldi
- Seven Strange & Ghostly Tales -- Brian Jacques
- When Zachary Beaver Came to Town -- Kimberly Willis Holt
- White Fang -- Jack London

Recommended Reading for Fountas and Pinnell Guided Reading
Compiled by RCS Media Specialists

Level Z

*-Highly recommended

- Across Five Aprils -- Irene Hunt
- The Adventures of Tom Sawyer -- Mark Twain
- Among the Betrayed -- Margaret Peterson Haddix
- Among the Hidden -- Margaret Peterson Haddix
- ***Circle of Gold -- Candy Dawson Boyd**
- A Day No Pigs Would Die -- Robert Newton Peck
- Fever, 1793 -- Laurie Halse Anderson
- The Golden Compass (and others of the His Dark Materials series) -- Philip Pullman
- Harry Potter and the Deathly Hallows -- J.K. Rowling
- ***Hatchet -- Gary Paulsen**
- ***Little Women -- Louisa May Alcott**
- Redwall (and others of the Redwall series) -- Brian Jacques



Summer Math Learning Packet

Students Entering Grade 4

The daily activities in this summer math packet will review math concepts and skills of the grade that has just been completed during the 2015-2016 school year. Just a few minutes each day spent “thinking and talking math” will help reinforce the math that has been learned and begin to bridge the foundation for extending to the concepts that will be developed next year. The goal is for you to have fun thinking and working collaboratively to communicate mathematical ideas. While you are working ask how the solution was found and why a particular strategy was chosen.

The math practice in this summer packet address the new Massachusetts Curriculum Framework for Mathematics which incorporates the Common Core Standards addressing these 4 critical areas in grade 3:

- (1) developing understanding of multiplication and division and strategies for multiplication and division within 100
- (2) developing understanding of fractions, especially unit fractions (fractions with numerator 1)
- (3) developing understanding of the structure of rectangular arrays and of area
- (4) describing and analyzing two-dimensional shapes. The packet consists of 2 calendar pages, one for July and one for August, as well as directions for math games to be played at home. Literature, worksheets, APPs and websites are also recommended to explore mathematics in new ways. We encourage you to complete at least 15 math days each month.

Directions:

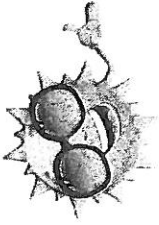
Do your best to complete as many of these summer math activities as you can! If using the math calendars, have your child color in each box when the activity is completed. Some activities may require a written or drawn response. Please attach to the calendar. If choosing an alternative math activity (see list), use the blank pages provided to create your own summer math calendar. To do a combination of both options, the goal is to complete and log 15 math activities per month.

Student Accountability

The intention is that your child spends time practicing math. Your child should aim to complete at least 30 math practice activities over the course of the summer. When your child has completed the math requirements, please sign and return this paper and calendars to the fourth grade teacher.

Parent signature

Date



Grade 4 Summer Math Ideas

Games To Play

(You will need a deck of cards, with all the face cards removed. Treat the ace as the number 1.)

1. Multiplication War

Deal out all the cards equally between 2 or 3 players. Each player turns over 2 cards and multiplies the numbers together. The person with the higher product wins the pile of cards. If you have the same product repeat the procedure. Winner takes all the cards.

2. Close to 1000

Deal 8 cards to each player. Use any 6 of your cards to make two 3-digit numbers. Try to get a sum that is close to or equal to 1000. Write these 2 numbers in your journal. Your score is the difference between your number and 1000. Example: Your eight cards are 1, 5, 4, 3, 1, 8, 3, 8 You can combine $148 + 853 + 1001$. Your score is 1 since the difference between 1001 and 1000 is 1. Discard the 6 used cards and pick 6 new cards. Whoever has the lowest total score after 5 rounds wins the game.

Other games to play: Monopoly, Othello, Battleship, Connect Four, Mastermind, Mancala, Legos, K'Nex, Simon, Yahtzee

Worksheets to Practice Math

<http://www.gregtangmath.com/>

<http://www.commoncoresheets.com/>

Math Books to Read

Below Zero by Claire Owen

Surviving the Odds by Claire Owen

Magic Squares and More by Claire Owen

Rainforest Math by Claire Owen

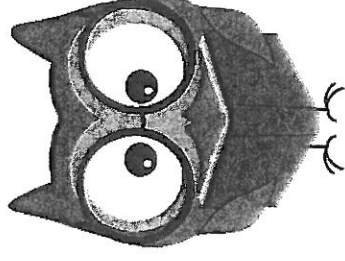
Fiji Facts and Figures by Claire Owen

Perfect Patterns by Claire Owen

The Best of Times by Greg Tang

Pigs Will be Pigs: Fun with Math and Money by Amy Axelrod

Fraction Fun by David Adler



Educational and Fun APPS and Websites to Practice Math

Please take some time to do these activities and record your choices on the "Create Your Own Summer Math Calendar!" sheet provided.

Websites

Here are websites that you can access at home or at your public library if you do not have a computer at home

- <http://www.funbrain.com/>
- <http://www.aplusmath.com/>
- <http://pbskids.org/cyberchase/math-games/>
- <http://illuminations.nctm.org/ActivitySearch.aspx>
- <http://www.gregtangmath.com/>
- <http://www.coolmath4kids.com/>
- <http://bedtimemath.org>
- <http://www.playkidsgames.com/>
- <http://www.coolmath.com./>
- <http://www.figurethis.org/index.html>
- <http://resources.oswego.org/games/mathmagician/cathymath.html>

APPS to Practice Math!

Try handing your smartphone or iPad to your child while you are driving or watching TV and let them practice their math on a free or inexpensive app.

APPS for 3 - 5

Everyday Mathematics, Beat the Computer, Multiplication
Everyday Mathematics, Divisibility Dash
Everyday Mathematics, Equivalent Fractions
Juicy Math – Multiplication and Division
Motion Math HD
Pizza Fractions: Basic Conversions
Pizza Fractions: Comparing Simple Fractions
Times Tables
Tony's Fraction's Pizza Shop
Pearl Diver 3 – 8

APPS for all Grades

Fast Math
Fast Math Challenge HD
Fraction App by Tap to Learn
Kakooma
Math Matrix HD
Quick Math Game
PopMath
iEstimation
Pick-a-Path
Sumdog
Conundra Math
Cloud Math

July 2016 Entering Fourth Grade Mathematics Calendar

<p>Play the game Close to 1000. (see directions)</p>	<p>When rounding to the nearest ten, what is the smallest whole number that will round to 50? The largest? How many different whole numbers round to 50?</p>	<p>Practice math facts in a fun way at the website www.multiplication.com</p> <p>What games did you play?</p>	<p>Compare the fractions below. Use the symbols $>$, $=$, or $<$ to record your comparisons. Draw a picture to illustrate your answer. $\frac{2}{6}$ and $\frac{5}{6}$ $\frac{1}{2}$ and $\frac{1}{3}$</p>	<p>Play a game. What strategy did you use? Would you use the same strategy again?</p>
<p>Play the Product Game at www.illuminations.nctm.org</p> <p>Record the strategy that you used.</p>	<p>Draw a 6-inch number line that begins with 0 and ends with 1. Roll a die. Divide your number line into this number of equal segments. Label the segments. Explain thinking</p>	<p>Rosa made 56 cupcakes. She put 8 cupcakes into each box and sold the boxes for \$3.00 each. How much money did Rosa receive?</p>	<p>Write a story problem that can be solved using the number sentence $9 \times 3 = \underline{\quad}$.</p>	<p>I am a number between 20 & 30. When you divide me into 6 equal groups, there is an even number in each group and 2 are left over. What number am I? Write your own division riddle.</p>
<p>Read a math book. (See list for suggestions)</p>	<p>Play Chairs at www.illuminations.nctm.org</p> <p>If you have 8 tables, what's the greatest number of people you can seat in a line?</p>	<p>Arrange the fractions in order, beginning with the least. Explain your answer with a picture. $\frac{1}{5}$, $\frac{1}{7}$, $\frac{1}{3}$</p>	<p>Use the numbers 3, 5, and 15 to write a multiplication number story. Write a related division story. Write a number sentence for each story.</p>	<p>Find a newspaper and cut the articles or pictures out. Organize them by area from least to greatest.</p>
<p>Figure your age in months. How many months old are you?</p>	<p>Roll 2 dice and multiply to find the product. Record the products. Do this 25 times. Create a bar graph with the results. What do you notice?</p>	<p>Draw a picture of a trapezoid. Draw a picture of a rectangle How are they alike? How are they different?</p>	<p>Masha had 120 stamps. First, she gave her sister half of the stamps and then she used three to mail letters. How many stamps does Masha have left?</p>	<p>Make up a song about even and odd numbers</p>

August 2016 Entering Fourth Grade Mathematics Calendar

<p>Gather 3 store receipts. Find the total amount that was spent.</p>	<p>Have a scavenger hunt for real-world examples of right angles (ex. the corner of a book)</p>	<p>Plan a meal for your family. With an adult, make a list of the ingredients, go shopping, and then follow the recipes. Are there fractions in your recipes?</p>	<p>Choose one activity for a day and record the start and stop time. Calculate the elapsed time for the activity. (ex. time you wake up and go to sleep) (Challenge: convert all of your times into minutes or hours)</p>	<p>Choose an activity from http://www.gregtangmath.com/</p>
<p>Find 4 numbers larger than 1,000 in a newspaper. Put them in order from least to greatest. What is the difference between the smallest and the largest?</p>	<p>Play Concentration at www.illuminations.nctm.org Choose cards: fractions Games: face down Draw pictures that represent some fractions.</p>	<p>Select ten items from a grocery flyer and find the total cost of the items. Calculate how much change you would receive from a one hundred dollar bill.</p>	<p>The product of two numbers is 30. The sum of the two numbers is less than 20. What might the two numbers be? Show all possible solutions and explain your thinking.</p>	<p>Write multiplication and division combinations for 6, 7, and 42. Can you write a word problem to go with these equations?</p>
<p>When rounding to the nearest hundred, what is the smallest whole number that will round to 500? The largest? How many different whole numbers will round to 500?</p>	<p>Write a word problem whose answer is 12. Have someone solve the problem. Choose another answer and make up a problem.</p>	<p>There are 6 tables in Mrs. Potter's art classroom. There are 4 students sitting at each table. Each student has a box of 10 colored pencils. How many colored pencils are at each table? How many colored pencils in total?</p>	<p>A farmer has chickens and cows. What combination of animals could total 24 legs? Is there more than one combination?</p>	<p>Play Multiplication War. (see direction page)</p>
<p>Play a game. What strategy did you use? Would you use the same strategy again?</p>	<p>Family fun! Go on a road trip. Write down the miles on the odometer when you leave. Write down the miles when you get home. How many miles did you travel?</p>	<p>Try a new activity at www.coolmath4kids.com Challenge yourself.</p>	<p>Try a new game at www.funbrain.com Challenge yourself</p>	<p>Choose 1 number: 2, 3, 5, or 6. Double the number you chose. Double the sum. Keep on doubling until you get a sum that is greater than 1,000. How close to 1,000 is the number you reached?</p>

Create Your Own Summer Math Calendar!

Grade _____

If the activities suggested don't seem to "fit your child" or you have your own websites/literature/math practice you would like to do you can create your own math calendar. Feel free to substitute your own activities that better suit your needs or learning style. All we ask is that you document your created activities below. Remember: the goal is to complete 15 activities each month. You can certainly use this sheet to record more!

#	Date Completed	Description of Math Activity
1		
2		
3		
4		
5		
6		
7		

8		
9		
10		
11		
12		
13		
14		
15		

Students' name: _____

Parent's Signature: _____

BMRSD Elementary School Summer Reading and Math Packets

Grade 5

The research is clear that children who don't read during the summer can lose up to three months of reading progress and that loss has a cumulative, long-term effect

~readingrockets.org

Children typically forget some of what they learned during the school year if they don't engage in learning activities over the summer. This is particularly true in math. A study by researchers at the University of Missouri shows that on average students lost about 2.6 months of math learned over the summer.

~greatschools.org

At BMRSD we are committed to promoting and supporting success for our students. Research shows that without ongoing practice over the summer months, regression occurs.

This packet provides a structured, systematic approach with common core-based learning activities. Parents are encouraged to set up a schedule to ensure that all work is completed by the first day of school.

We value the importance of time during the summer months to relax and have fun. Our students have worked very hard this past year and certainly deserve a break. As you know you child the best, please create a schedule that will not disrupt your summer routine. Keep in mind these packets are for review and will not be graded. We will acknowledge those students who return completed packets on the first day of school.

Please refer to the attached math summer practice for details. Special thanks to Cambridge Public Schools for providing the model for our math packets.

Tips for Success

- You may assist your child when needed, but please encourage independent work completion.
- Provide a quiet and comfortable place for your child to work.
- Ask your child questions about what he or she is reading.
- If you have any questions, please do not hesitate to call the school.
- Your child is encouraged to read as many books as possible. Each book should be recorded in the book log.
- Your child should select at least two books to read and complete the Remarkable Book Reviewer handout.

Recommended Reading for Fountas and Pinnell Guided Reading
Compiled by RCS Media Specialists

Level K

*-Highly recommended

- Bread and Jam for Frances (and others of the Frances series) -- Russell Hoban
Caps for Sale -- Esphyr Slobodkina
***The Day Jimmy's Boa Ate the Wash -- Trinka Hakes Noble**
***Frog and Toad Together (and others of the Frog and Toad series) -- Arnold Lobel**
How Big Is a Foot? -- Rolf Myller
Mercy Watson to the Rescue (and others of the Mercy Watson series) -- Kate DiCamillo
The Moon -- Martha E. H. Rustad
***Nate the Great and the Missing Key (and others of the Nate the Great series) -- Marjorie Weinman Sharmat**
One Hundred Hungry Ants -- Elinor J. Pinczes
Strega Nona: Her Story -- Tomie DePaola

Recommended Reading for Fountas and Pinnell Guided Reading
Compiled by RCS Media Specialists

Level L

*-Highly recommended

- *Amelia Bedelia (and others of the Amelia Bedelia series) -- Peggy Parish**
Big Al -- Andrew Elborn
Dear Mr. Blueberry -- Simon James
***George and Martha Encore (and others of the George and Martha series) -- James Marshall**
The Golden Goose -- Dick King-Smith
***Gregory, the Terrible Eater -- Mitchell Sharmat**
Horrible Harry and the Ant Invasion (and others of the Horrible Harry series) -- Suzy Kline
Hungry, Hungry Sharks -- Joanna Cole
***Miss Nelson is Missing! (and others of the Miss Nelson series) -- Harry Allard**
The Perfect Pumpkin Pie -- Denys Cazet
The Tale of Peter Rabbit -- Beatrix Potter
Tales of Oliver Pig (and others of the Amanda and Oliver Pig series) -- Jean Van Leeuwen
Tales from the Waterhole -- Bob Graham
***Upstairs Mouse, Downstairs Mole -- Wong Herbert Yee**
Wemberly Worried -- Kevin Henkes
***What a Trip, Amber Brown -- Paula Danzinger**

Recommended Reading for Fountas and Pinnell Guided Reading
Compiled by RCS Media Specialists

Level M

*-Highly recommended

- ***Alexander and the Terrible, Horrible, No Good, Very Bad Day** -- Judith Viorst
Boundless Grace -- Mary Hoffman
Cloudy with a Chance of Meatballs -- Judi Barrett
Clues in the Woods -- Peggy Parish
***Dinosaurs before Dark (and others of the Magic Tree House series)** -- Mary Pope Osborne
***Elmer and the Dragon** -- Ruth Stiles Gannett
***Freckle Juice** -- Judy Blume
The Gardener -- Sarah Stewart
The Holly Joliday -- Megan McDonald
Ivy + Bean (and others of the Ivy + Bean series) -- Annie Barrows
***Junie B. Jones and the Stupid Smelly Bus (and others of the Junie B. Jones series)** -- Barbara
Park
Kate Shelley and the Midnight Express -- Margaret Wetterer
***The Littles (and others of the Littles series)** -- John Lawrence Peterson
Miss Rumphius -- Barbara Cooney
***The One in the Middle is the Green Kangaroo** -- Judy Blume
The Paperboy -- Dav Pilkey
Snaggle Doodles (and others of the Kids of the Polk Street School series) -- Patricia Reilly Giff
***Stink: The Incredible Shrinking Kid (and others of the Stink Moody series)** -- Megan
McDonald
Vampires Don't Wear Polka Dots (and others of the Adventures of the Bailey School Kids series) --
Debbie Dadey

Level N

*-Highly recommended

- 26 Fairmont Avenue -- Tomie DePaola
***The Absent Author (and others of the A to Z Mysteries series)** -- Ron Roy
Andy and Tamika -- David Adler
Chicken Sunday -- Patricia Polacco
***The Enormous Crocodile** -- Roald Dahl
The Gadget War -- Betsy Duffy
Goldie (and others of the Puppy Place series) -- Ellen Miles
***Gooney Bird Green** -- Lois Lowry
The Grapes of Math: Mind-Stretching Math Riddles -- Greg Tang
Hey, Al -- Arthur Yorinks
***Invisible Stanley (and others of the Stanley Lambchop Adventure (Flat Stanley) series)** -- Jeff
Brown
The Magic Finger -- Roald Dahl
***The Pain and the Great One** -- Judy Blume
The Paperboy -- Dav Pilkey
Smelly Socks -- Robert Munsch
Trolls on Vacation -- Alan MacDonald
Why Mosquitoes Buzz in Peoples Ears: A West African Tale -- Verna Aardema
***Young Martin's Promise** -- Walter Dean Myers

Recommended Reading for Fountas and Pinnell Guided Reading
Compiled by RCS Media Specialists

Level O

***-Highly recommended**

Back to School Mallory (and others of the Mallory series) -- Laurie B. Friedman
Beezus and Ramona (and others of the Ramona Quimby series) -- Beverly Cleary
The Dinosaur Alphabet Book -- Jerry Pallotta
Hairy, Scary, Ordinary: What is an Adjective? -- Brian Cleary
***The Hidden Stairs and the Magic Carpet (and others of the Secrets of Droon series) -- Tony Abbott**
***The Mouse and the Motorcycle (and others of the Ralph S. Mouse series) -- Beverly Cleary**
The Mystery Bookstore (and others of the Boxcar Children Mysteries series) -- Gertrude Chandler Warner
Pippi Longstocking (and others of the Pippi Longstocking series) -- Astrid Lindgren
Rats! -- Jane Cutler
Utterly Me, Clarice Bean -- Lauren Child

Level P

***-Highly recommended**

***97 Ways to Train a Dragon (and others of the Dragon Slayers' Academy series) -- Kate McMullan**
100 Days and 99 Nights: A Novel -- Alan Madison
2095 (and others of the Time Warp Trio series) -- Jon Scieszka
The Battle for the Castle -- Elizabeth Winthrop
The Best School Year Ever -- Barbara Robinson
Calvin Coconut: Trouble Magnet -- Graham Salisbury
Confetti Girl -- Diana Lopez
The Diamond Champs -- Matt Christopher
Encyclopedia Brown Boy Detective (and others of the Encyclopedia Brown series) -- Donald J. Sobel
The Hundred Dresses -- Eleanor Estes
Justin and the Best Biscuits in the World -- Mildred Pitts Walter
Sam Samurai (and others of the Time Warp Trio series) -- Jon Scieszka
The School Mouse -- Dick King-Smith
Snot Stew -- Bill Wallace,
Stone Fox -- John Reynolds Gardiner
Thank you, Jackie Robinson -- Barbara Cohen
Who Stole the Wizard of Oz? -- Avi

Recommended Reading for Fountas and Pinnell Guided Reading
Compiled by RCS Media Specialists

Level Q

***-Highly recommended**

Anastasia at Your Service (and others of the Anastasia Krupnik series) -- Lois Lowry

***Bunnicula: A Rabbit-Tale of Mystery (and others of the Bunnicula series) -- Deborah and James Howe**

The Clue at the Bottom of the Lake (and others of the Cabin Creek Mysteries series) -- Kristiana Gregory

The Cybil War -- Betsy Byars

***Dear Mr. Henshaw -- Beverly Cleary**

Fourth-Grade Celebrity -- Patricia Reilly Giff

The Great Quarterback Switch -- Matt Christopher

Hannah of Fairfield (and others of the Pioneer Daughters series) -- Jean Van Leeuwen

Happy Birthday, Samantha! : A Springtime Story (and others of The American Girls Collection series)
-- Valerie Tripp

***Help! I'm a Prisoner in the Library -- Eth Clifford**

***James and the Giant Peach: A Children's Story -- Roald Dahl**

***Mr. Popper's Penguins -- Richard Atwater**

The Mystery of Merlin and the Gruesome Ghost (and others of the Humpty Dumpty Jr: Hardboiled Detective series) -- Nate Evans

***Nothing Ever Happens on 90th Street -- Roni Schotter**

Oggie Cooder -- Sarah Weeks

***Pony on the Porch (and others of the Animal Ark series) -- Ben M. Baglio**

***Tales of a Fourth Grade Nothing -- Judy Blume**

***The True Story of the 3 Little Pigs -- Jon Scieszka**

You Be the Jury -- Marvin Miller

Recommended Reading for Fountas and Pinnell Guided Reading
Compiled by RCS Media Specialists

Level R

***-Highly recommended**

- *The 18th Emergency -- Betsy Cromer Byars**
- *Attack of the Tagger -- Wendelin Van Draanen**
- *Because of Winn-Dixie -- Kate DiCamillo**
- Black Gold -- Marguerite Henry
- Caddie Woodlawn -- Carol Ryrie Brink
- *The Castle in the Attic -- Elizabeth Winthrop**
- *The Celery Stalks at Midnight -- James Howe**
- The Chameleon Wore Chartreuse: From the Tattered Casebook of Chet Gecko, Private Eye (and others of the Chet Gecko Mystery series) -- Bruce Hale
- *Charlie and the Chocolate Factory -- Roald Dahl**
- *Charlie and the Great Glass Elevator -- Roald Dahl**
- *Charlotte's Web -- E. B. White**
- Danger on Panther Peak -- Bill Wallace
- *Day of the Iguana (and others of the Hank Zipzer, the World's Greatest Underachiever series) -- Henry Winkler**
- *Frindle -- Andrew Clements**
- *Hatchet -- Gary Paulsen**
- *The Homework Machine -- Dan Gutman**
- *How to Eat Fried Worms -- Thomas Rockwell**
- *The Indian in the Cupboard -- Lynne Reid Banks**
- *The Monster's Ring -- Bruce Coville**
- *Rules -- Cynthia Lord**
- *Sarah, Plain and Tall -- Patricia MacLachlan**
- *Shiloh -- Phyllis Reynolds Naylor**
- *Snow Treasure -- Marie McSwigan**
- Snowboard Showdown -- Paul Mantell
- *Strider -- Beverly Cleary**
- Sun & Spoon -- Kevin Henkes

Recommended Reading for Fountas and Pinnell Guided Reading
Compiled by RCS Media Specialists

Level S

***-Highly recommended**

- *A Dog's Life: The Autobiography of a Stray -- Ann M. Martin**
- *From the Mixed Up Files of Mrs. Basil E. Frankweiler -- E.L. Konigsburg**
- The Good Dog -- Avi
- *Granny Torrelli Makes Soup -- Sharon Creech**
- In the Year of the Boar and Jackie Robinson -- Bette Lord
- Lily's Crossing -- Patricia Reilly Giff
- The Million Dollar Shot -- Dan Gutman
- My Life in Dog Years -- Gary Paulsen
- On My Honor -- Marion Dane Bauer
- Sahara Special -- Esme Raji Codell
- *Taking Sides -- Gary Soto**
- Time for Andrew: A Ghost Story -- Mary Downing Hahn
- The Van Gogh Café -- Cynthia Rylant

Recommended Reading for Fountas and Pinnell Guided Reading
Compiled by RCS Media Specialists

Level T

***-Highly recommended**

- Agnes Parker... Girl in Progress -- Kathleen O'Dell
- Behind Rebel Lines: The Incredible Story of Emma Edmonds, Civil War Spy -- Seymour Reit
- *Bud, Not Buddy -- Christopher Paul Curtis**
- *Chasing Vermeer -- Blue Balliett**
- Joey Pigza Swallowed the Key (and others of the Joey Pigza series) -- Jack Gantos
- The Lion, the Witch and the Wardrobe (and others of the Chronicles of Narnia series) -- C.S. Lewis
- *Love That Dog -- Sharon Creech**
- Nory Ryan's Song -- Patricia Reilly Giff
- Notes from a Liar and Her Dog -- Gennifer Choldenko
- *Sammy Keyes and the Hotel Thief (and others of the Sammy Keyes series) -- Wendelin Van Draanen**
- Shoeless Joe and Me: A Baseball Card Adventure -- Dan Gutman
- Surviving the Applewhites -- Stephanie S. Tolan
- The Tiger's Apprentice -- Lauren Yep

Recommended Reading for Fountas and Pinnell Guided Reading
Compiled by RCS Media Specialists

Level U

*-Highly recommended

***The BFG -- Roald Dahl**
Ella Enchanted -- Gail Carson Levine
The Fledgling -- Jane Langton
Harriet Tubman and the Underground Railroad -- Michael Martin
***If You're Reading This, It's Too Late -- Pseudonymous Bosch**
Julie of the Wolves -- Jean Craighead George
***The Miraculous Journey of Edward Tulane -- Kate DiCamillo**
The Name of this Book is Secret -- Pseudonymous Bosch
***Number the Stars -- Lois Lowry**
Ragweed -- Avi
Report to the Principal's Office -- Jerry Spinelli
Rosa Parks: My Story -- Rosa Parks
***The Tale of Despereaux -- Kate DiCamillo**
The Watsons Go to Birmingham -- Christopher Paul Curtis
The Wizard of Oz -- Frank L. Baum

Level V

*-Highly recommended

Alice in Wonderland -- Lewis Carroll
Baseball in April and Other Stories -- Gary Soto
The Birthday Room -- Kevin Henkes
The Cat Ate My Gymsuit -- Paula Danziger
Crash -- Jerry Spinelli
The Fighting Gourd -- Avi
Gossamer -- Lois Lowry
Gregor the Overlander (and others of the Underland Chronicles series) -- Suzanne Collins
The Gypsy Game -- Zilpha Keatley Snyder
***Holes -- Louis Sachar**
Island of the Blue Dolphins -- Scott O'Dell
Loser -- Jerry Spinelli
Mrs. Frisby and the Rats of NIMH -- Robert C. O'Brien
My Side of the Mountain -- Jean Craighead George
***The Mysterious Benedict Society (and others of the Mysterious Benedict Society series) --
Trenton Lee Stewart**
Old Yeller -- Fred Gipson
***Olive's Ocean -- Kevin Henkes**
Stargirl -- Jerry Spinelli
Things Not Seen -- Andrew Clements
The True Confessions of Charlotte Doyle -- Avi
***Tuck Everlasting -- Natalie Babbitt**
***The Westing Game -- Ellen Raskin**

Recommended Reading for Fountas and Pinnell Guided Reading
Compiled by RCS Media Specialists

Level W

*-Highly recommended

- *Bone. 1, Out from Boneville (and others of the Bone series) -- Jeff Smith
- *The City of Ember -- Jeanne DuPrau
- Coraline -- Craig P. Russell
- *Crispin: The Cross of Lead -- Avi
- *Dragonwings (and others of the Golden Mountain Chronicles series) -- Laurence Yep
- A Drowned Maiden's Hair: A Melodrama -- Laura Amy Schlitz
- *Freak the Mighty -- W. R. Philbrick
- *Harriet Tubman, Secret Agent: How Daring Slaves and Free Blacks Spied for the Union
During the Civil War -- Thomas B. Allen
- *The Higher Power of Lucky -- Susan Patron
- Home of the Brave -- Katherine Applegate
- *Inkheart -- Cornelia Caroline Funke
- Maniac Magee -- Jerry Spinelli
- *Roll of Thunder, Hear My Cry -- Mildred D. Taylor
- *The Titan's Curse -- Rick Riordan
- *Walk Two Moons -- Sharon Creech

Recommended Reading for Fountas and Pinnell Guided Reading
Compiled by RCS Media Specialists

Level X

*-Highly recommended

- *Al Capone Does My Shirts -- Gennifer Choldenko
- Beast -- Donna Jo Napoli
- The Black Pearl -- Scott O'Dell
- Crossing Jordan -- Adrian Fogelin
- *The Dark is Rising (and others of the Dark is Rising Sequence series) -- Susan Cooper
- *Dicey's Song (and others of the Tillerman Cycle series) -- Cynthia Voigt
- *The Egypt Game -- Zilpha Keatley Snyder
- Elie Wiesel: A Holocaust Survivor Cries Out for Peace -- Sarah Houghton
- *Gathering Blue -- Lois Lowry
- Peter and the Starcatchers -- Dave Barry
- The Postcard -- Tony Abbott
- *Travel Team -- Mike Lupica
- *The Wednesday Wars -- Gary Schmidt
- *Where the Red Fern Grows: The Story of Two Dogs and a Boy -- Wilson Rawls
- Within Reach: My Everest Story -- Mark Pfetzer

Recommended Reading for Fountas and Pinnell Guided Reading
Compiled by RCS Media Specialists

Level Y

***-Highly recommended**

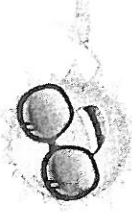
***Artemis Fowl (and others of the Artemis Fowl series) -- Eoin Colfer**
A Corner of the Universe -- Ann M. Martin
The Face on the Milk Carton -- Caroline B. Cooney
***The Giver -- Lois Lowry**
Just Ella -- Margaret Peterson Haddix
Lost in Cyberspace -- Richard Peck
My Brother Sam is Dead -- James Lincoln Collier
Numbering all the Bones -- Ann Rinaldi
Seven Strange & Ghostly Tales -- Brian Jacques
When Zachary Beaver Came to Town -- Kimberly Willis Holt
White Fang -- Jack London

Recommended Reading for Fountas and Pinnell Guided Reading
Compiled by RCS Media Specialists

Level Z

***-Highly recommended**

Across Five Aprils -- Irene Hunt
The Adventures of Tom Sawyer -- Mark Twain
Among the Betrayed -- Margaret Peterson Haddix
Among the Hidden -- Margaret Peterson Haddix
***Circle of Gold -- Candy Dawson Boyd**
A Day No Pigs Would Die -- Robert Newton Peck
Fever, 1793 -- Laurie Halse Anderson
The Golden Compass (and others of the His Dark Materials series) -- Philip Pullman
Harry Potter and the Deathly Hallows -- J.K. Rowling
***Hatchet -- Gary Paulsen**
***Little Women -- Louisa May Alcott**
Redwall (and others of the Redwall series) -- Brian Jacques



Summer Math Learning Packet

Students Entering Grade 5

The daily activities in this summer math packet will review math concepts and skills of the grade that has just been completed during the 2015-2016 school year. Just a few minutes each day spent “thinking and talking math” will help reinforce the math that has been learned and begin to bridge the foundation for extending to the concepts that will be developed next year. The goal is for you to have fun thinking and working collaboratively to communicate mathematical ideas. While you are working ask how the solution was found and why a particular strategy was chosen.

The math practice in this summer packet address the new Massachusetts Curriculum Framework for Mathematics which incorporates the Common Core Standards addressing these 3 critical areas in grade 4:

- (1) Developing understanding and fluency with multi-digit multiplication, and developing understanding of dividing to find quotients involving multi-digit dividends
- (2) Developing an understanding of fraction equivalence, addition and subtraction of fractions with like denominators, and multiplication of fractions by whole numbers
- (3) Understanding that geometric figures can be analyzed and classified based on their properties, such as having parallel sides, perpendicular sides, particular angle measures, and symmetry.

The packet consists of 2 calendar pages, one for July and one for August, as well as directions for math games to be played at home. Literature, worksheets, APPs and websites are also recommended to explore mathematics in new ways. We encourage you to complete at least 15 math days each month.

Directions:

Do your best to complete as many of these summer math activities as you can! If using the math calendars, have your child color in each box when the activity is completed. Some activities may require a written or drawn response. Please attach to the calendar. If choosing an alternative math activity (see list), use the blank pages provided to create your own summer math calendar. To do a combination of both options, the goal is to complete and log 15 math activities per month.

Student Accountability

The intention is that your child spends time practicing math. Your child should aim to complete at least 30 math practice activities over the course of the summer. When your child has completed the math requirements, please sign and return this paper and calendars to the fifth grade teacher.

Parent signature _____

_____ Date



Grade 5 Summer Math Ideas

Games To Play (You will need a regular deck of cards)

1. Multiplication Compare

Remove all the face cards from a deck of cards. The ace will equal 1. Deal out the cards equally between 2 to 3 players. Each player turns over 4 cards and multiplies a 2-digit number by a two-digit number. Use the symbols , or = to compare the products. The person with the highest product wins all the cards.

2. Close to 1000

Deal 8 cards to each player. Use any 6 cards to make two 3-digit numbers. Try to make the sum close to or exactly 1000. For ex. You combine 148 and 853 to make 1001. Your score is 1 because the difference between 1001 and 1000 is 1. The lowest score after five rounds wins!

Other games to play: Monopoly, Othello, Battleship, Connect Four, Mastermind, Mancala, Legos, K'Nex, Simon, Yahtzee

Worksheets to Practice Math

<http://www.gregtangmath.com/>

<http://www.commoncoresheets.com/>

Math Books to Read

Below Zero by Claire Owen

It's a Big Country by Claire Owen

All Tied Up by Claire Owen

Wet, Wild and Windy by Claire Owen

First in Space by Claire Owen

Building Blocks by Claire Owen

Dazzling Designs by Claire Owen

A Grain of Rice by Helena Pittman

Fraction Fun by David Adler

Cruising the Caribbean by Claire Owen

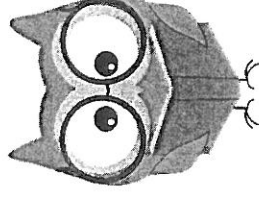
Cracking the Code by Claire Owen

Go Fly a Kite by Claire Owen

Keeping Records by Claire Owen

Everest Adventures by Claire Owen

Destination Hawaii by Claire Owen



Educational and Fun APPS and Websites to Practice Math

Please take some time to do these activities and record your choices on the "Create Your Own Summer Math Calendar!" sheet provided.

Websites

Here are websites that you can access at home or at your public library if you do not have a computer at home

<http://www.funbrain.com/>

<http://www.aplusmath.com/>

<http://pbskids.org/cyberchase/math-games/>

<http://illuminations.nctm.org/ActivitySearch.aspx>

<http://www.gregtangmath.com/>

<http://www.coolmath4kids.com/>

<http://bedtimemath.org>

<http://www.playkidsgames.com/>

<http://www.coolmath.com./>

<http://www.figurethis.org/index.html>

<http://resources.oswego.org/games/mathmagician/cathymath.html>

APPS to Practice Math!

Try handing your smartphone or iPad to your child while you are driving or watching TV and let them practice their math on a free or inexpensive app.

<u>APPS for K - 2</u>	<u>APPS for all Grades</u>
Adventure Basic School Math	Fast Math
Amazing Coins	Fast Math Challenge HD
Count Money	Fraction App by Tap to Learn
Everyday Mathematics, Addition Top it	Kakooma
Fast Facts Subtraction	Math Matrix HD
Juicy Math	Quick Math Game
Math Bingo	PopMath
Okta's Rescue	iEstimation
Operation Math	Pick-a-Path
Coin Math	Sumdog
Super 7	Conundra Math
Native Numbers PK-K	Cloud Math

July 2016 Entering Fifth Grade Mathematics Calendar

<p>Visit the website www.multiplication.com Choose some activities to have fun practicing multiplication. Record choices.</p>	<p>Solve the riddle: I have 5 in the tenths place I have 7 in the thousandths place I have 4 in the ones place I have 2 in the hundredths place. What decimal am I? Write your own riddle.</p>	<p>Go to http://www.gregtangmath.com/ And choose some worksheets to complete</p>	<p>With a partner take turns scooping coins from a cup. Write the total in dollars and cents using decimal notation. Compare totals using $>$, $=$, or $<$. Take ten turns.</p>	<p>Skip count by 5's starting at 1. What patterns do you notice? Explain why you think these patterns are happening</p>
<p>Play the Product Game at www.illuminations.nctm.org Record the strategy that you used.</p>	<p>Identify, record and classify angles: acute (less than 90°) obtuse (greater than 90°), right (90°) in everyday things (buildings, bridges, furniture...)</p>	<p>Write down the names and prices of 5 cars you find in the newspaper. Order the prices from least to greatest. Round the prices to the nearest thousand.</p>	<p>15 friends want to order pizza for dinner. They predict that each person will eat $1/3$ of a pizza. How many pizzas should they order? What if there were 9 friends?</p>	<p>Choose a website from the suggested list. Tell an adult what you learned.</p>
<p>The sum of two mixed numbers is 5. What might the two mixed numbers be? Show as many different solutions as you can. Explain your strategy</p>	<p>Play Multiplication Compare. (see directions)</p>	<p>Play a strategy game. What strategy did you use? Would you use it again?</p>	<p>Make a paper airplane and fly it. Measure how far it goes. Try a few times. Record distances in your journal. Is it more accurate to use kilometers, meters or centimeters to measure?</p>	<p>PLAY BASEBALL at www.funbrain.com Challenge yourself</p>
<p>Find the area of your bedroom floor. What room in your house could have about twice the area of your bedroom or about half the area of your room? Check.</p>	<p>Write down the numbers you see on 2 license plates. Create 4 math problems with these numbers using all 4 operations ($+$, $-$, \times, \div)</p>	<p>Tom and Ben ordered a pizza for lunch. They each ate $1/3$ of the pizza. How much pizza was eaten? How much pizza was left?</p>	<p>Write three facts about the number 28. Is this number prime or composite? How do you know? Round this number to the nearest 10.</p>	<p>Play a game. What strategy did you use? Would you use that strategy again?</p>

August 2016 Entering Fifth Grade Mathematics Calendar

<p>Have a scavenger hunt for real-world examples of parallel lines (ex. railroad tracks)</p>	<p>A regular pentagon measures $2\frac{1}{8}$ cm on one side. What is the perimeter of the pentagon?</p>	<p>Visit the game room at www.aplusmath.com Record what you played</p>	<p>Visit the website www.mathplayground.com and play the logic games. How did you do?</p>	<p>Draw a design using symmetry. What makes your design symmetrical</p>
<p>Measure 10 objects to the nearest $\frac{1}{4}$, $\frac{1}{2}$, or $1\frac{1}{8}$ inch. Put the data on a line plot. How many objects measured $\frac{1}{4}$ inch? $\frac{1}{2}$ inch? Add the objects together end to end. What is the total length?</p>	<p>The difference between two mixed numbers is $3\frac{1}{4}$. What might the two mixed numbers be? Show as many different solutions as you can. Explain your strategy</p>	<p>Play Close to 1000. (see directions)</p>	<p>Read a math book. (See list for suggestions)</p>	<p>Vowels are worth \$50 each, consonants are worth \$40. Can you make a word worth exactly \$200? \$600?</p>
<p>I earn \$5 per hour babysitting and \$4 per hour for weeding the garden. Last week I did 7 hours babysitting and 6 hours weeding. How much more money do I need to buy a game that costs \$80.00?</p>	<p>Measure the perimeter of two different sized windows in your home. Find the difference of the perimeters.</p>	<p>A cake recipe calls for you to use $\frac{3}{4}$ cup of milk, $\frac{1}{4}$ cup of oil, and $\frac{2}{4}$ cup of water. How much liquid was needed to make the cake? Is this more or less than a pint? How do you know?</p>	<p>Write a word problem whose answer is 154. Have someone solve the problem.</p>	<p>Make the largest and smallest numbers you can find using the digits 4, 1, 7, 8, and 2. Find their difference and sum.</p>
<p>What factors can you use in this equation, $__ \times 5 = __$, to make a product that is an odd number between 30 and 60? Show all possible solutions. Explain your strategy.</p>	<p>Try a new activity at www.coolmath4kids.com Challenge yourself. What did you choose to do?</p>	<p>Play the game Close to 1000. (see directions)</p>	<p>Use 5 playing cards to make the largest 5-digit number possible. Represent the number in numeral, word and expanded forms. Repeat with 5 more cards.</p>	<p>A lawn water sprinkler rotates 65 degrees and pauses. It then rotates 25 more degrees. What is the total degree rotation of the sprinkler? To cover a full 360 degrees, how many more degrees will it move?</p>

Create Your Own Summer Math Calendar!

Grade _____

If the activities suggested don't seem to "fit your child" or you have your own websites/literature/math practice you would like to do you can create your own math calendar. Feel free to substitute your own activities that better suit your needs or learning style. All we ask is that you document your created activities below. Remember: the goal is to complete 15 activities each month. You can certainly use this sheet to record more!

#	Date Completed	Description of Math Activity
1		
2		
3		
4		
5		
6		
7		

8		
9		
10		
11		
12		
13		
14		
15		

Students' name: _____

Parent's Signature: _____

Memo

To: David Thomson, Ed.D
From: Justin Cameron
Date: May 24, 2016
Re: FWHMS Summer 2016 Reading and Math

Summer 2016 middle school reading:

Through the generous donation of the middle school PTO and the fundraising done in the fall through the middle school library's book fair and Friends of the Library after school club, every staff and every student will receive a copy of Rebecca Stead's *Liar and Spy* for the fourth annual middle school, One Book, One School. Every middle school student will be asked to login to a whole school Google Classroom where work for each grade level will be posted and asked to be completed.

Summer 2016 middle school math:

All grades will be assigned work through the ASSISTments Platform. This year, the middle school will take advantage of the new ASSISTments APP through the whole school Google Classroom.

Like summer 2015, there will be multiple invites and opportunities for middle school students to come into the middle school during the summer to complete this assigned reading and math work along with opportunities for Hartnett staff to give their support and help. On June 2, every incoming 6th, 7th, and 8th grader will be surveyed for their summer access to the Internet. Partnering with Blackstone and Millville Cable providers, those students who do not have home Internet access but may be on the Free and Reduced Lunch Program, the middle school will look to get the family free or reduced Internet access.

Memo

To: David Thomson, Ed.D
From: Michael Dudek
Date: June 7, 2016
Re: BMR Summer 2016 Reading and Math

Summer 2016 High School English Literacy:

The High School Community will once again take part in the "One Book, One School" program. However, there will be two book offerings with one central theme: "Coming of Age and the Evolution of Identity." All community members will be asked to read one book during the summer. The high school staff will be preparing a cross-curricular day to discuss central themes of the book.

The BMR community voted on four books: "Never Fall Down", "Ready Player One", "I am Malala" and "Eleanor and Park." Staff members / video production students created a short video to highlight each book (theme, essential questions, plot). This year, all students and staff members voted on the book of their choice. Due to an extremely close vote count, the school decided on two books: "Ready Player One" and "Eleanor and Park."

Summer 2016 High School Math:

All grades will be assigned work through IXL. Students have specific math topics to practice on during the summer months. Teachers will be able to measure progress online.



**Get ready for a
journey into 80s
music and culture**

PICK ONE:

*Ready Player
One*

By Ernest Cline

*Eleanor and
Park*

By Rainbow Rowell

Theme:

Coming of Age and the
Evolution of Identity

Essential Questions:

How do our personal
experiences shape our
view of others?

What turning points
determine our
individual pathways to
adulthood?

Where to get the book:

- Barnes and Noble
Bellingham
- Blackstone Library
- iBooks/ Google books
- Kindle
- Amazon (new or used)

**Summer Reading
2016**

**Blackstone
Millville
Regional HS**



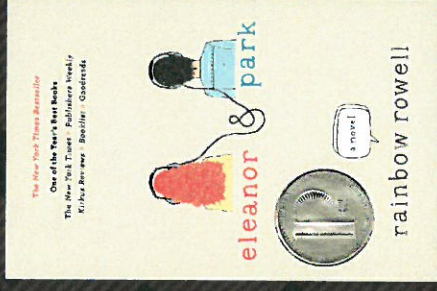
Summer 2016

This year, BMR students and staff will participate in a reading endeavor that unites the school community!

Let's Read!

Objectives:

- Unite the school in a common goal
- Explore topics relevant to students' lives
- Encourage literacy and the positive habit of reading
- Have fun!



What to expect in the fall:

Upon returning in the fall, students will sign up for workshops dedicated to the book they selected from the two options. One day in the first two weeks of school will center on summer reading round table discussions and activities. There will be a formal assessment administered in all English classes- an essay addressing a prompt specific to each book.

BMRHS Math Summer Assignment - 2016

Goal: To review and practice skills you have already learned (not to introduce new material)

Directions: Log into ixl.com. Complete the review problems sets for the class you are entering. Completion of these units will help you retain the skills you have learned this year and also help you get off to a good start in the 2015-16 school year.

Due Date: September 1, 2016.

Scoring: Your teachers will give you credit for your work based on your IXL Smart Scores. Partial credit will be given.

Getting Help: If you have trouble with a particular topic or get a problem wrong, each problem in IXL gives a detailed explanation of the correct solution.

In addition, there are video lessons for any math topic available at www.khanacademy.org

Algebra I (9th grade)

- A1. Compare and order rational numbers
- B1. Add subtract, multiply, and divide integers
- B2. Order of operations with integers
- B3. Evaluate Variable expressions involving integers
- C1. Identify equivalent ratios
- C2. Equivalent ratios: Fill in the missing number
- G1. Coordinate graph review
- J4. Solve two-step linear equations
- N1. Interpret bar graphs, line graphs, and histograms
- N3. Circle Graphs

Geometry (10th grade)

- A.1. Ratios and proportions
- A.2. Scale maps and drawings
- A.3. Properties of exponents
- A.5. Write variable expressions and equations
- A.6. Solve linear equations
- B.1. Lines, line segments, and rays
- B.2. Lengths of segments on number lines
- B.3. Additive property of length
- B.4. Midpoints
- B.5. Congruent line segments
- C1. Angle Vocabulary
- C2. Angle measure

Algebra 2 and IPCM (11th grade)

- A.1. Evaluate variable expressions involving integers
- A.2. Evaluate variable expressions involving rational numbers
- A.3. Simplify variable expressions using properties
- B.1. Solve linear equations
- C.1. Graph a linear inequality in one variable
- D.3. Evaluate functions
- D.5. Graph a linear function
- I.1. Factor monomials
- K.2 Add and subtract polynomials
- K.3 Multiply polynomials

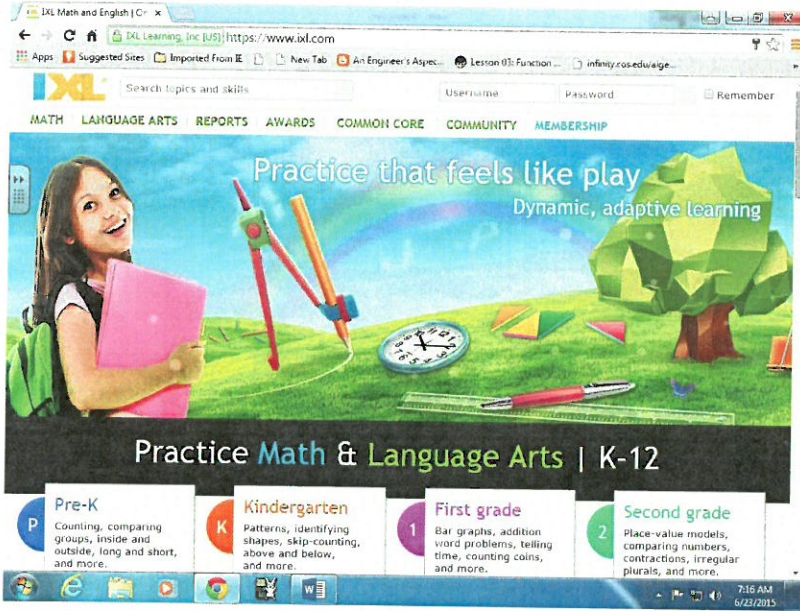
Calculus, Pre-Calculus, and FST (12th)

- A.3 Linear functions
- A.4 Linear functions over unit intervals
- A.5 Evaluate functions
- C.1 Characteristics of quadratic functions
- C.2 Find the maximum or minimum value of a quadratic function
- C.3 Graph a quadratic function
- H.1 Roots of integers
- H.2 Roots of rational numbers
- I1. Solve a system of linear equations by graphing
- I2. Solve a system of linear equations by graphing: word problems
- J.1 Solve systems of linear inequalities by graphing



During the summer, in preparation for next year, BMR students have a list of math topics to practice on IXL.com. If you have never logged in before, or are having trouble doing so, here is a quick review.

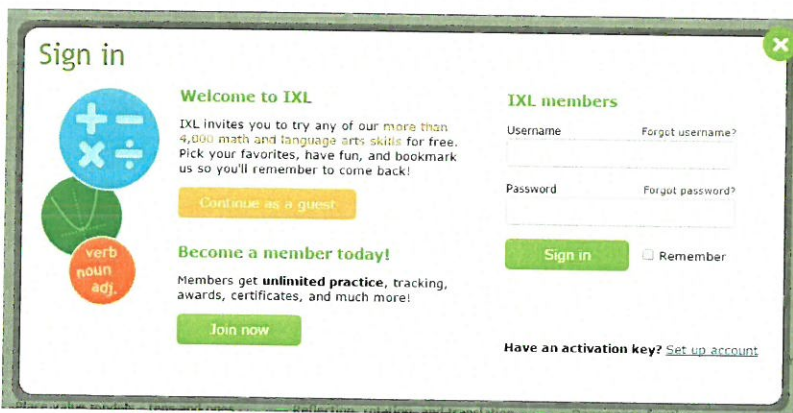
1.) Go to ixl.com



2.) At the top of the page, enter your username and password. The username is your first name initial, followed by your last name, @bmrzd. For example:

A student whose name is John Rodgers, would have the username jrogers@bmrzd

3.) If you have never logged in before, your password is bmxixl (all lowercase). **For incoming freshmen the password is hmsixl if you have never changed it.** If you have logged in, but forget your password, click on the “forgot password” link on the screen below.



*If there you still are having trouble, email eroe@bmrzd.net



BLACKSTONE-MILLVILLE REGIONAL SCHOOL DISTRICT

175 LINCOLN STREET

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DAVID L. THOMSON, Ed.D.
ASSISTANT SUPERINTENDENT OF SCHOOLS

2016 End of year report

Google training

Last summer we continued to offer training to our volunteer "Google Leaders", teachers who in return for additional training volunteered to serve as point people and trainers for the district. Through this effort, we were able to offer workshops both after school and during PD days teaching teachers how to use google. In total, we offered nine after school workshops and ten workshops during PD days. This summer we will continue this training with an emphasis on integrating technology into our classrooms and maximizing the use of Google Classroom.

EnVisions Math

The first year of implementation of our new elementary math program has been very successful. Although we did have a rough start, due to the distinctly different methodology, through persistence we eventually raised the comfort level of the teachers and parents. The level of performance evident in our students and the growth in their abilities has been incredible. This program builds numeracy skills and Algebraic thinking that will enable our students to develop the foundation necessary to access higher mathematics. The elementary math teachers need to be commended for their incredible effort and diligent work. We are currently completing a pilot of two math series to implement in grade 6 next year, building on this excellent start at the elementary level.

Professional Development

The professional development committee was of great assistance in planning our Program this year. We were able to focus on several initiatives including curriculum mapping, the literacy program at the elementary level, google training, as well as the development of several assessments and programmatic reviews. Furthermore, we offered both a 15 PDP courses in both "Meeting the needs of different learners" and "sheltered English Emersion" to satisfy the needs or re-certifying staff. Overall, we were able to offer a comprehensive program meeting the needs of individual teachers as well as district initiatives

ELL

As you know our English Language Learning population has increased steadily for the past year. While the influx seems to have slowed down, we are still seeing new students with low English skills requiring services that are more intensive. I feel we have a good group of ELL teachers who are working hard to meet this significant need. However, due to students moving up to the high school we are currently pretty close to our capacity. Should we experience continued enrollment we will experience staffing issues to meet the required need. The good news is that our WIDA scores have shown significant growth and a good number of our students making enough progress to move to level requiring lower level interventions.



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Curriculum Mapping

The initial work the scope and sequence is complete for grades K- 12 in ELA and Math. Science and Social studies have also been mapped by topic date and standards In grades 6 -12. Next year we will begin learning and implementing the *Understanding by Design* model of curriculum design and adding element's to these basic scope and sequence maps.

New Science Standards

We have begun the arduous task of revising our science curriculum in grades k-12 to reflect the new next generation science standards. The Middle School has begun this process and has developed a draft content document. Next year we will continue this work at the other levels. We will also need to plan to pilot and purchase new science curriculum materials to support these significant changes.

Literacy Training

We will be entering the third and final year of literacy training provided by the *Teachers for Teachers* consulting group. This year we have begun to see the fruits of these efforts in effective literacy strategies as well as increased student performance. Furthermore, our book rooms are coming together and the JFK/AFM bookroom is being used as a model for other districts. Our consultants were most helpful in assisting in the mapping our ELA curriculum resulting in an outline that will provide a sensible progression in grades k though 12. Next year we will examine writing programs for future implementation at the elementary level.

Mentor Program

This past year we have increased the rigor of our induction and mentoring program to include two days of orientation before the school year started as well as increasing group meetings throughout the year. This had led to an improved first year experience for our new teachers. Next year we plan to implement a second year of mentoring as required by the DESE

Respectfully submitted,

David L. Thomson, Ed.D.