

Greenville Central School District
Board of Education
Minutes
Business Meeting
Monday
June 13, 2011

7:00 p.m.

MS/HS Library Media Center

I. Call to Order

A meeting of the Board of Education was held on Monday, June 13, 2011 in the MS/HS Library Media Center. Mr. Wilton Bear, Jr., President, called the meeting to order at 7:04 p.m.

A. Members present: Wilton Bear, Jr.
 Ann Holstein
 Gregory Lampman
 Anne Mitchell
 Jason Reinhard

Members absent: Rosanne Stapleton
 Lawrence Tompkins

Others present: Cheryl A. Dudley, Superintendent
 Jacqueline O'Halloran, District Clerk
 Donna Accuosti, Elementary Assistant Principal
 Colleen Hall, Director of Curriculum and Communications
 Michael Laster, High School Principal
 Peter Mahan, Elementary School Principal
 Anders Rasmussen, CASDA Administrative Intern
 Brian Reeve, Middle School Principal
 Karen Schrader, Supervisor of Transportation
 Robert Schrader, Supervisor of Buildings and Grounds
 Tammy J. Sutherland, Assistant Superintendent for Business
 Paul Ventura, Sr., Food Service Supervisor
 Linda Wistar, Director of Pupil Personnel Services

There were approximately twenty-five (25) visitors to the meeting.

II. Approval of Agenda

Jason Reinhard moved, seconded by Gregory Lampman and carried unanimously to approve the Agenda for the Business Meeting of June 13, 2011

III. Accolades

Superintendent Dudley and Board President, Wilton Bear, Jr. presented a certificate of appreciation to Greenville Education Foundation Trustee Susan Lynch in recognition of her valuable contributions to the Greenville Educational Foundation and the Potter Hollow Schoolhouse. Accepting for Ms. Lynch was GEF President Christine Wgrzyn.

Presentations to retirees:

Elizabeth Rosen

(Ms. Rosen retires with twenty-nine [29] years of service to the children of the Greenville Central School District as an Aide/Monitor.)

Joanne Lounsbury

(Ms. Lounsbury retires with twenty eight [28] years of service to the children of the Greenville Central School District as an Elementary Teacher.)

Arthur Thorman

(Mr. Thorman retires with thirty-five [35] years of service to the children of the Greenville Central School District as a Social Studies Teacher.)

Board of Education President, Wilton Bear, Jr. and Superintendent Dudley, presented plaques to Ms. Rosen, Ms. Lounsbury, and Mr. Thorman acknowledging their professional service and dedication to the children of the Greenville Central School District.

President Bear, Superintendent Dudley, Michael Laster, Brian Reeve, Peter Mahan and Gail Richmond also congratulated Kristen Pizarro, Pam Germain-Asam, Pamela Hollinde, and Ryan Morris who would be appointed tenure pending Board of Education approval.

Utica National Insurance Award: School Safety Excellence Award Presentation to the Greenville Central School District Board of Education by Michael Needham, Needham Risk Management.

(The Greenville Central School District Board of Education is presented this award to commemorate the safety efforts of the District.)

Michael Needham from Needham Risk Management presented the School Safety Excellence Award to President Bear and Superintendent Dudley commemorating the safety efforts of the District. The award program has three levels (titanium, platinum, and gold) in which Greenville earned titanium distinction.

Congratulations were extended on behalf of the Board of Education, Superintendent Dudley and Middle School Principal Brian Reeve to seventh grade student John DuBois, recognized by the Autism Society of the Greater Capital Region, for achieving second place in an essay contest during National Autism Awareness Month and a \$25.00 gift certificate.

Appreciation was extended on behalf of the Board of Education, Superintendent Dudley and Principals Michael Laster and Brian Reeve to Michelle Gage, President of the Greenville MS/HS PTSA, for arranging the presentation “Survive the Drive” to GCSD High School students before the Junior Prom. This program reminded all students of the importance of responsible and safe driving.

IV. Open Forum

There were no comments.

V. Action Items: A – F:

Ann Holstein moved, seconded by Anne Mitchell and carried unanimously to approve items (A), (B) and (C):

A. Accept Minutes:

- 1. Business Meeting of May 9, 2011**
- 2. Budget Hearing of May 10, 2011**
- 3. Annual Vote & Election of May 17, 2011**
- 4. Special Meeting of May 17, 2011**

B. Accept Reports for the month ending May 31, 2011: (FY2011-66)

- 1. Treasurer’s Report**
- 2. Appropriation Reports for General, Federal, Cafeteria and Capital Funds**
- 3. Revenue Reports for the General, Federal, Cafeteria and Capital Funds**
- 4. Cafeteria Profit and Loss Statement**
- 5. Transfer of Funds for General Fund**
- 6. Internal Claims Report**

C. Accept Special Student Services Recommendations

1. Committee on Special Education

- a. March 8, 10, 21, 23, 29 and 31
- b. April 5, 6, 7, 12, 14, 15, 26, 27, 28 and 29
- c. May 4, 10 and 20

2. Committee on Special Education for Preschool

- a. March 16
- b. May 13 and May 26

Gregory Lampman moved, seconded by Jason Reinhard and carried unanimously to approve (D):

D. Approve Personnel Agenda

BE IT RESOLVED that upon the recommendation of Superintendent of Schools, Cheryl A. Dudley, that the Board of Education of the Greenville Central School District approve the following:

1. Unclassified

a. Resignation

- 1. Name: Arthur Thorman
Position: Social Studies Teacher
Tenure Area: Social Studies
Certification: Pre-K, K and Grades 1-6, Permanent
Social Studies 7-12, Permanent
Effective: June 30, 2011
Category: Retirement
(Employee benefits upon resignation for reasons of retirement are determined in the Collective Bargaining Agreement.)

- 2. Name: Joanne Lounsbury
Position: Grade 6 Elementary
Tenure Area: Elementary
Certification: Pre-K, K and Grades 1-6, Permanent
Reading Teacher, Permanent
Effective: June 30, 2011
Category: Retirement
(Employee benefits upon resignation for reasons of retirement are determined in the Collective Bargaining Agreement.)

- 3. Name: Richard Angelo
Position: Elementary
Tenure Area: Elementary
Certification: Pre-K, K and Grades 1-6, Permanent
English 7-12, Permanent
Reading Teacher, Permanent
Effective: June 30, 2011
Category: Retirement
(Employee benefits upon resignation for reasons of retirement are determined in the Collective Bargaining Agreement.)

b. Appointment to Tenure

- 1. Name: Kristen Pizarro
Tenure Area: Science
Commencement of service on Tenure: September 1, 2011
Certification: Biology 7-12, Initial, expiring 8/31/2013

2. Name: Pam Germain-Asam
 Tenure Area: Elementary
 Commencement of service on Tenure: September 1, 2011
 Certification: Childhood Education, Grades 1-6 Initial expiring 8/31/2012
3. Name: Pamela Hollinde
 Tenure Area: Elementary
 Commencement of service on Tenure: September 1, 2011
 Certification: Pre-K, K and Grades 1-6, Permanent Art, Permanent
4. Name: Ryan Morris
 Tenure Area: Physical Education
 Commencement of service on Tenure: September 1, 2011
 Certification: Physical Education, Professional Health Education, Initial, Expiring 8/31/2012
- c. Extra Duty Compensation High School Department Chairs 2010-2011
1. Name: Julie Hamilton
 Position: English Department Chair
 Stipend: \$1,850.00 prorated at \$185.00
 June 1, 2011 through June 30, 2011
(This vacancy is a result of Mr. Roepe's resignation.)
- d. Extra Duty Compensation High School Sports 2010-2011
1. Name: Richard Heffernan
 Position: Boys' JV Baseball
 Stipend: \$3,026 prorated at \$1,231.00
 April 25 through May 26, 2011
(This vacancy occurred effective April 25, 2011.)
- e. Substitutes
1. Name: Katilyn Benninger
 Position: Substitute Teacher
 Certification: N/A; SUNY Albany, College of Saint Rose, 110 credits
 Effective: June 14, 2011
 Salary: \$82.00 per diem
 Status: Cleared for employment
2. Name: Lauren Fox
 Position: Substitute Teacher
 Certification: N/A; SUNY Oswego, 68 credits
 Effective: June 14, 2011
 Salary: \$82.00 per diem
 Status: Cleared for employment

3. Name: Kara Macchio
 Position: Substitute Psychologist & Teacher
 Certification: N/A; St. Michel's College, VT
 College of Saint Rose: Master of Science
 Effective: May 16, 2011
 Salary: \$82.00 per diem
 Status: Cleared for employment
4. Name: Katlin Berzal
 Position: Substitute Teacher (Cairo-Durham)
 Certification: Childhood Education, Grades 1-6, Initial
 Expiring 1/31/2016
 Early Childhood Education,
 Birth-Grade 2, Initial, Expiring 1/31/2016
 Effective: June 14, 2011
 Salary: \$101.00 per diem
 Status: Cleared for employment
5. Name: Ryan DeLosa
 Position: Substitute Teacher (Cairo-Durham)
 Certification: N/A
 Effective: June 14, 2011
 Salary: \$82.00 per diem
 Status: Cleared for employment
6. Name: Kathleen Skinner
 Position: Substitute Teacher (Cairo-Durham)
 Certification: N/A
 Effective: June 14, 2011
 Salary: \$82.00 per diem
 Status: Cleared for employment

2. Classified

a. Leave of Absence

1. Name: Thomas McKiernan
 Position: Bus Driver
 Classification: GCCS Non-competitive
 Effective: May 25, 2011 (.5PM only)
 May 26, 2011
 Category: Administrative Leave without Pay

b. Resignation

1. Name: Thomas McKiernan
 Position: Bus Driver
 Classification: GCCS Non-competitive
 Effective: May 27, 2011
 Category: Resignation

c. Probationary

1. Name: Diane Kurylo
 Position: Bus Driver
 Classification: GCCS Non-Competitive
 Permanent Serving Probation: June 14, 2011 to February 21, 2012
 Commencement of Service: June 14, 2011

Salary: \$17.31 per hour
Status: Cleared for employment

d. Substitutes

1. Name: Frances Briody
Position: Substitute Bus Driver
Effective: May 10, 2011
Salary: \$14.40 per hour
Status: Cleared for employment

2. Name: Keith Hvizdak
Position: Substitute Bus Driver
Effective: May 31, 2011
Salary: \$14.40 per hour
Status: Cleared for employment

3. Name: Linda Pidgeon
Position: Substitute Bus Driver
Effective: May 9, 2011
Salary: \$14.40 per hour
Status: Cleared for employment

Status: All conditional appointments are subject to receipt of a statement from each individual regarding criminal charges and are contingent upon receipt of criminal background clearance from the Commissioner of Education.

E. Business Management

Ann Holstein moved, seconded by Anne Mitchell and carried unanimously to approve items (1), (2) and (3):

1. Approve Central Hudson Gas & Electric Corporation Light and Energy Management Solutions for the for the High School, Middle School, Alternate Education Building, and Elementary School (FY2011-67)

(As discussed last month, this program is available to all public school systems within the Central Hudson service territory at no cost. Central Hudson pays 70% of the total installed cost and the remaining 30% is covered by each school district's assignment of available EPACT [Energy Policy Act of 200]) tax deductions to the lighting installation partner, Alliance Energy Solutions. The program is designed to replace older inefficient interior lighting with new high efficiency lighting.)

2. Accept donation

- a. Rachel Anderson for one Holton H378 Double French Horn to the Greenville CSD for the Music Department
- b. MS/HS PTSA for \$420.00 to the Greenville CSD for the Middle School for end of the year character education celebration.

3. Approve Resolution authorizing emergency replacement of a school bus

*(A Resolution of the Board of Education of the Greenville Central School District, Counties of Greene and Albany, State of New York;
WHEREAS, the Greenville Central School District (the "District") currently owns School Bus #124 (a 2003 Freightliner, VIN: 4UZAAXAK13CK77958); and
WHEREAS, on December 6, 2010 School Bus #124 was involved in collision causing damages to the bus such that it has been determined that the cost of repairs to the bus would exceed its value; and
WHEREAS, the District's insurance carrier has paid \$11,666.67 as reimbursement for the damages sustained as a result of the collision; and*

WHEREAS, the District has a need to replace School Bus #124 and has obtained a quote from Matthews Buses, Inc. in the amount of \$102,840.40 to purchase a new, substantially equivalent replacement bus; and

WHEREAS, the District has sufficient unencumbered funds available in the general fund to purchase the bus after application of the insurance reimbursement to the purchase price,

NOW, THEREFORE, BE IT RESOLVED that the Board of Education authorizes and directs the Superintendent of Schools to seek approval of the Commissioner of Education to purchase a bus to replace School Bus #124, and be it further

RESOLVED that, pursuant to Education Law §1709(25)(a) and upon receipt of approval from the Commissioner of Education, the Board authorizes and directs the Superintendent of Schools to, without the necessity of obtaining voter approval, purchase a Thomas Type C Class CON-64D 66-passenger Bus from Matthews Buses Inc. at a cost not to exceed \$102,840.40, to be paid for with insurance reimbursement proceeds in the amount of \$11,666.67 and unencumbered funds from the general fund in the amount of \$91,173.73.)

Jason Reinhard moved, seconded by Ann Holstein and carried unanimously to approve items (4) and (5):

4. Approve contract between the Greenville Central School District and the Rensselaer City School District for Internal Auditor Services for an estimated cost of \$6,800.00 for 2011-2012 (FY2011-68)

(“This fee includes a maximum of ten [10] full time equivalent days service by the internal auditor and any paraprofessionals assigned, including preparing and presenting reports to the audit committee or board of education. If the engagement extends beyond ten [10] days, inclusive, the Greenville Central School District will be billed the additional services at prevailing hourly rates... The fee is based on a \$680.00 per staff day for the internal auditor, based upon a 7.5 hour day and \$400.00 per staff day for any paraprofessional, based upon a 7.5 hour day.”)

5. Approve resolution authorizing settlement of tax certiorari proceedings between Cumberland Farms, Inc. v. Town of Greenville

(In July of 2009, the District received a notice of petition In the matter of Cumberland Farms, Inc., against The Board of Assessors and the Board of Assessment Review of the Town of Greenville. The proceedings were filed to challenge the \$645,000 assessment placed on the property for the 2009 and 2010 assessment rolls, with the owner requesting that the assessment be reduced to \$161,250.

A settlement agreement has been reached with the property owner whereby the 2009 and 2010 proceedings will be withdrawn in exchange for the 2011 tentative assessment of \$795,000 being reduced to \$715,000 on the final roll. The withdrawal of the 2009 and 2010 proceedings means there will be no refund from the GCSD of school taxes paid, and the negotiated 2011 assessment is actually higher than the previous \$645,000 assessment originally challenged. As the proposal does not require any refund from the District, it is the recommendation that the Board accept the settlement as proposed.

WHEREAS, there are presently pending before the New York Supreme Court, Greene County, tax certiorari proceedings commenced under the caption of Cumberland Farms, Inc. v. Town of Greenville and bearing Index Nos. 2009-1152 and 2010-1089; and

WHEREAS, these proceedings contest the real property tax assessment of property located at Route 81 West, which is designated as Section 12.04, Block 4, Lot 17 on the Tax Map of the Town of Greenville; and

WHEREAS, these proceedings challenge the assessment of the subject property in assessment years 2009 and 2010; and

WHEREAS, the Greenville Central School District (“District”) has, by its attorneys, appeared in the pending proceeding; and
WHEREAS, proposed terms of settlement have been formulated providing for the disposition of these proceeding; and
WHEREAS, the Board of Education has obtained the advice and assistance of its attorneys with respect to the terms of the proposed settlement and have duly considered same; and
WHEREAS, pursuant to the terms of settlement, (1) the 2009 and 2010 proceedings will be withdrawn with prejudice and with no refund of taxes paid, and (2) the assessment of the property on the 2011 assessment roll will be set at \$715,000;
NOW, THEREFORE, BE IT RESOLVED that the Board of Education authorizes the settlement of these proceedings in accordance with the terms set forth above, and authorizes its counsel to execute such Stipulations or other documents as may be necessary to effectuate such settlement.)

F. School Management

Gregory Lampman moved, seconded by Jason Reinhard and carried unanimously to approve Items (1) through (6):

- 1. BE IT RESOLVED that the Board of Education appoints the following individuals to serve on the Board of Voter Registration for 2011-2012:**
 - Kathy Gaspar
 - Elizabeth Moore
 - Barbara Soldner
 - Lillian Wood
 - George Soldner as Alternate

- 2. Accept resignation of William Ommerborn from the Budget Advisory Committee**

Appreciation is extended to Mr. Ommerborn for his contributions to the Budget Advisory Committee as one of the original members and Co-Chair for nine years of devoted service to the Greenville Central School District budget development process.

- 3. Approve Board of Education Calendar for 2011-2012 (FY2011-69)**

- 4. Approve thirty (30) day emergency contract for the transportation for one (1) district resident student to the Devereax School in the amount of \$168.00 per diem (FY2011-70)**

(These services will be provided from May 16 through June 24, 2011 by Chalet Services in the amount of \$168.00 per diem.)

- 5. Approve tuition agreement between the Greenville Central School District and the Cocksackie-Athens School District in the amount of \$4,479.00 (FY2011-71)**

(This agreement is for one [1] Cocksackie-Athens student with recommended placement in the Middle School 8:1:1 classroom at \$29,114.00 prorated \$4,479.00 effective May 18, 2011 to June 30, 2011.)

- 6. Approve contract for health services between the Greenville Central School District and the East Greenbush Central School District in the amount of \$490.57 (FY2011-72)**

(This contract provides health services for one [1] district resident student attending Woodland Hill Montessori School at \$490.57 per student.)

Jason Reinhard moved, seconded by Anne Mitchell and carried unanimously to approve items (7) and (8):

7. Approve contract for health services between the Greenville Central School District and the Rensselaer City School District in the amount of \$748.26 (FY2011-73)

(This contract provides health services for two [2] district resident students attending Doane Stuart at \$374.13 per student for a total of \$748.26.)

8. Approve Contract between the Greenville Central School District and the Capital Area School Development Association

(This resolution authorizes the GCSD to participate in the shared services study and to serve as the lead agency for the Greene County School Boards Association.

WHEREAS, the Greene County School Boards Association issued an RFP for proposals concerning a study of potential shared services between school districts; and

WHEREAS, the Greene County School Boards Association has approval for the RFP from the participating school districts to issue the RFP; and

WHEREAS, the successful responder was the Capital Area School Development Association (“CASDA”) with a bid of \$35,000; and

WHEREAS, the cost of the study will be shared between five authorizing school districts, including Greenville, Coxsackie Athens, Cairo-Durham, Windham-Ashland-Jewett and Catskill ; and

WHEREAS, the anticipated cost after Board of Education approval per District will not exceed \$7,000; and

WHEREAS, the participating Districts will designate Greenville Central School District as the Lead Agency responsible for paying CASDA for the Study; and

WHEREAS, the participating Districts recognize that certain contracts will be required between the participating Districts to effectuate the study.

NOW, THEREFORE, it is,

RESOLVED that Greenville Central School District will be the Lead Agency responsible for paying CASDA from funds authorized pro rata by the participating districts pursuant to the RFP; and

RESOLVED that Greenville Central School District will authorize the payment of an amount not to exceed \$7,000 to CASDA on behalf of its District, or such amount of money necessary to effectuate the study based on the number of participating Districts; and

RESOLVED that Greenville Central School District will work with the other participating Districts to effectuate and facilitate the CASDA study, including but not limited to, entering into an inter-municipal agreement or such other legal documents as are necessary to participate in the CASDA study of shared services, which will be contingent on subsequent Board approval of the legal documents necessary to participate in shared services between the participating Districts or such Districts that determine to share services after the CASDA study is completed.)

VI. Discussion

A. Board Committee Reports

- **Quality Education Committee: Ann Holstein**

The Committee is reviewing evaluations of programs i.e. International Baccalaureate Programme and Wilson Program. They are also reviewing programs that would help facilitate the pathway to graduation.

- **Greenville Educational Foundation: Ann Holstein**

Work continues on the Fall 2011 Fundraiser. Appreciation was extended to all those who attended the GEF Appreciation Gathering at Ellis last week.

- Technology Committee: Lawrence Tompkins
No report
- Gifted & Talented Committee: Ann Holstein
The Committee continues to work on the website to offer enrichment opportunities.
- District Planning Committee: Wilton Bear, Jr.
Superintendent Dudley reported that Dennis Wedlick from Dennis Wedlick Architect, LLC presented at the May 25 DPC meeting regarding energy sustainability and the tour of the Passive House in Claverack, NY on April 24, 2011
- Audit Committee: Lawrence Tompkins, Gregory Lampman, Wilton Bear, Jr.
No report
- Budget Advisory Committee: Jason Reinhard
BAC met on May 24 and reviewed the results of the Annual Vote and Election on May 17, 2011 and discussed calendar dates for next year. The Committee also thanked William Ommerborn for his years of service and dedication to the Budget Advisory Committee.
- Universal Pre-K Committee: Anne Mitchell
Anne Mitchell reported that requirements had changed for the Pre-K program, it was decided to send out Requests for Proposals. To date only two responses have been received for the RFP
- Greene County School Boards: Gregory Lampman
The GCSBA has selected Capital Area School Development Association (CASDA) for the RFP on shared services and as soon as all Greene County school boards adopt this resolution at the their Board of Education meetings the study will proceed.

(Committee schedules vary as some do not meet every month. However, the committees are noted on the agenda each month to keep the Board informed.)

B. Mathematics

Recommended Adoption: New York State Common Core Standards for Mathematics

Critical changes to The Common Core State Standards for mathematics as compared to the 2005 New York State Standards include an overall emphasis on Algebraic thinking and reasoning. Math concepts and skills required for success in High School Algebra were spiraled from ninth grade through Kindergarten with an emphasis on fewer standards at each grade-level to promote a deeper mathematical understanding. In the Common Core Standards, 70% of specific concepts are emphasized with “intensive focus” while 20% are identified as “rethink and link” and 10% with less emphasis [sample]/

- Pre-K- Counting and Cardinality; Operations and Algebraic Thinking; Measurement and Data; Geometry
- Grades K-2- Counting and Cardinality (K only); Operations and Algebraic Thinking; Number and Operations in Base Ten; Measurement and Data; Geometry
- Grades 3-5- Operations and Algebraic Thinking; Number and Operations in Base Ten; Number and Operations-Fractions; Measurement and Data; Geometry
- Grades 6-8- Ratios and Proportions (6 & 7); The Number System; Expressions and Equations; Functions (8 only); Geometry; Statistics and Probability
- Grades 9-12- Number and Quantity; Algebra; Functions; Modeling; Geometry; Statistics and Probability

Recommended Adoption for Grades K-5 Textbook~Math in Focus

Math in Focus offers the authentic Singapore math pedagogy with fewer topics taught in greater depth at each grade level. The program features visual representations and modeling strategies to solve complex problems; a consistent concrete-pictorial-abstract progression; and strong development of both conceptual understanding, place value, and computational fluency allowing students to understand the “how” as well as the “why”. Math in Focus offers enhancements for differentiated instruction (remediation, re-teaching, enrichment, assessment, and additional practice), School-to-Home connections, transition support, and technology integration. Manipulatives will also be utilized to support student learning.

Title: Math in Focus
Author: Kheong, Ramakrishnan, Lau Pui Wah
Publisher: Great Source 2009
Copyright: 2009

Subject Area Mathematics Kindergarten
Cost: \$49.50 each
Quantity: 100

K: Prepares youngest learners for a lifetime of mathematic success. The Kindergarten program includes Student Books, Teacher's Editions, Big Books, School-to-Home Connections, and technology.

Subject Area Mathematics First Grade
Cost: \$53.45 each
Quantity: 100

Grade 1: Uses strategies to teach students the foundations of addition and subtraction with numbers to 100, along with the other math strands. Unique visual strategies and problem solving is incorporated throughout.

Subject Area Mathematics Second Grade
Cost: \$53.45 each
Quantity: 100

Grade 2: Students will learn how to count, read and write numbers to 1,000, and learn to add and subtract numbers to 1,000. The visual Singapore Math bar modeling method is introduced at this level.

Subject Area Mathematics Third Grade
Cost: \$62.80 each
Quantity: 100

Grade 3: Students will work with numbers to the ten thousands place. Bar modeling continues at this level with multiplication and division problems.

Subject Area Mathematics Fourth Grade
Cost: \$62.80 each
Quantity: 100

Grade 4: Students will work with numbers to the hundred thousands place and decimals. Bar modeling is used to solve problems with fractions, including multi-step problems.

Subject Area Mathematics Fifth grade
Cost: \$62.80 each
Quantity: 100

Grade 5: Students will be on track for algebra success, working with numbers to the millions and decimals to the thousandths place. At this level, students solve equations and complex real-world problems.

Recommended Adoption: Strategies ~Singapore Math

The critical components of the Singapore Math strategies include:

- Algebraic thinking, even among early learners
- Reduced complexity with C-P-A approach
- Promotes deeper understanding of essential math concepts
- Enhances problem-solving skills through model drawing
- Supports for all learners
 - Intervention strategies to support struggling learners
 - Extension strategies to challenge gifted and talented students

Instructional Strategies:

Bruner’s Approach: Concrete- Pictorial- Abstract- Students learn a new math concept first through manipulatives, then as deeper understanding is developed students move to the pictorial phase where the problem is represented through illustrations. The final step is for students to learn the algorithm or abstract representation of the problem. This approach is utilized extensively and consistently.

Number Bonds: Students learn the whole-part thinking of how numbers are put together and taken apart. This approach increases students’ understanding of fractions and algebraic thinking in later years. Once students have mastered number bonds through 10, the bonds are used to reduce the complexity of addition and subtraction problems.

Model Drawing/Bar Modeling: The instruction of model drawing begins in second grade with students learning to use rectangular shapes to model a word problem. These models:

- help students visualize abstract math relationships through pictorial representations
- use rectangular blocks because they are easily divided
- can be used before students know algebraic solutions, and can be used to model algebraic relationships.

VII. Board Members’ input for possible discussion at a later date

Anne Mitchell suggested the GCSBA shared services study could include shared guidance counselors to benefit students in the college selection process and to assign one counselor specializing in this area would be advantageous to all students. Gregory Lampman said he would bring this suggestion to the next Greene County School Board Association meeting.

VIII. Closing Open Forum

There were no comments

IX. Executive Session

At 7:50 p.m. Anne Mitchell moved, seconded by Jason Reinhard and carried unanimously to adjourn to Executive Session to discuss the medical, financial, credit, or employment history of a particular person or corporation, or matters leading to the appointment, employment, promotion, demotion, discipline, suspension, dismissal or removal of a particular person or corporation. At 9:35 p.m. Jason Reinhard moved, seconded by Anne Mitchell and carried unanimously to return to open session.

X. Adjournment

At 9:36 p.m. Anne Mitchell moved, seconded by Ann Holstein and carried unanimously to adjourn the meeting.

District clerk

Board of Education President