Complete within 2 weeks of returning to school.

NTI DAY 16

Harrison County Schools

Name: _____

Grade: 4

Teacher: _____

Day 16 Checklist (complete ALL items on the checklist)

Reading

____ Mini lesson - Read about genre: informational text
Read about Text focus: Maps and Diagrams

____ Read **Sea Sanctuary** (be sure to read all sidebars, pictures and captions, and labeled diagrams)

____ Choose a writing prompt to answer from the writing grid. Be sure to follow the criteria listed on the criteria page. (minimum of 1 paragraph)

Math

____ Complete Daily Common Core Review 8-6

____ Mini Lesson 16 - 4 (Line of Symmetry)
Video can be found at
https://media.pk12ls.com/curriculum/math/enVisionmath_CC20_K6_2016_EN/ALVs/A0280324/player.html or students can read the lesson of the video on the attached sheet page 840

____ Complete homework practice pages 843 - 844

____ Additional online resources:
Number Rock: Symmetry
https://www.youtube.com/watch?v=SJlhywRfvh8

Science

____ Complete "Use Text Features: Diagrams"

____ Complete online Food Chain game
https://www.sheppardsoftware.com/content/animals/kidscorner/games/foodchaingame.htm
OR Draw a food chain (choose a plant to start your food chain)

PE/Health & Nutrition

____ Complete PE Bingo

____ Complete How Many Can You Do in 100 Seconds

____ Complete PE Fitness Calendar

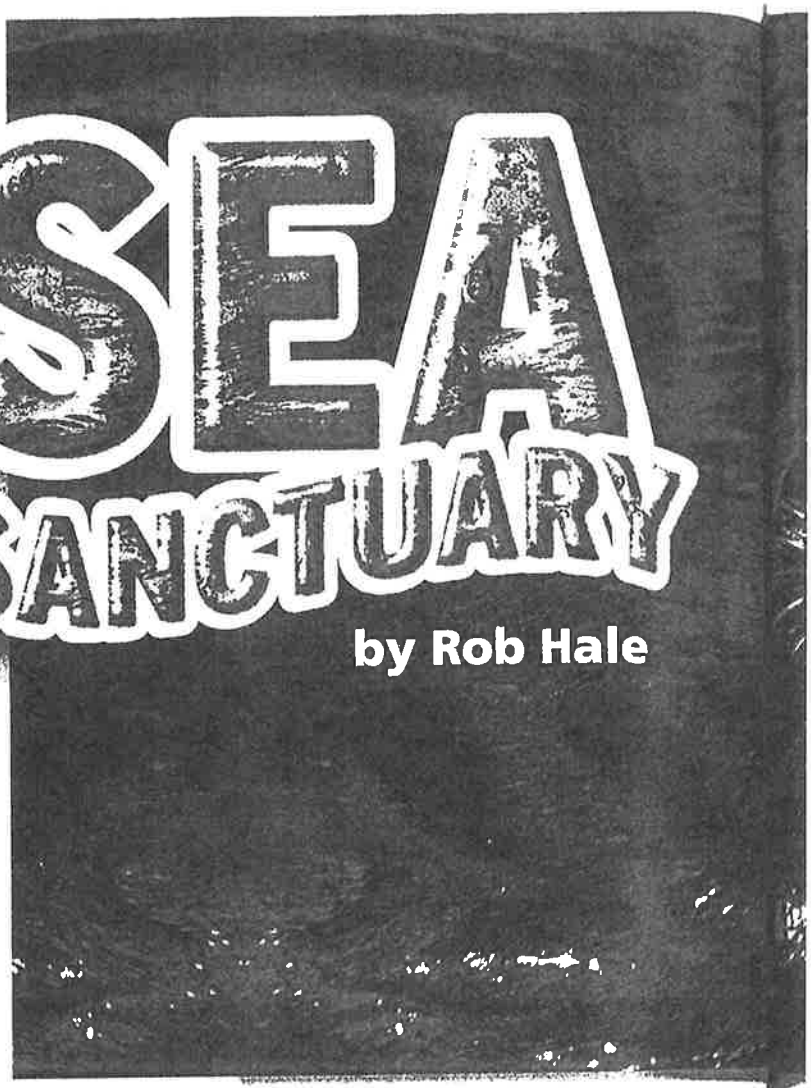
INFORMATIONAL TEXT

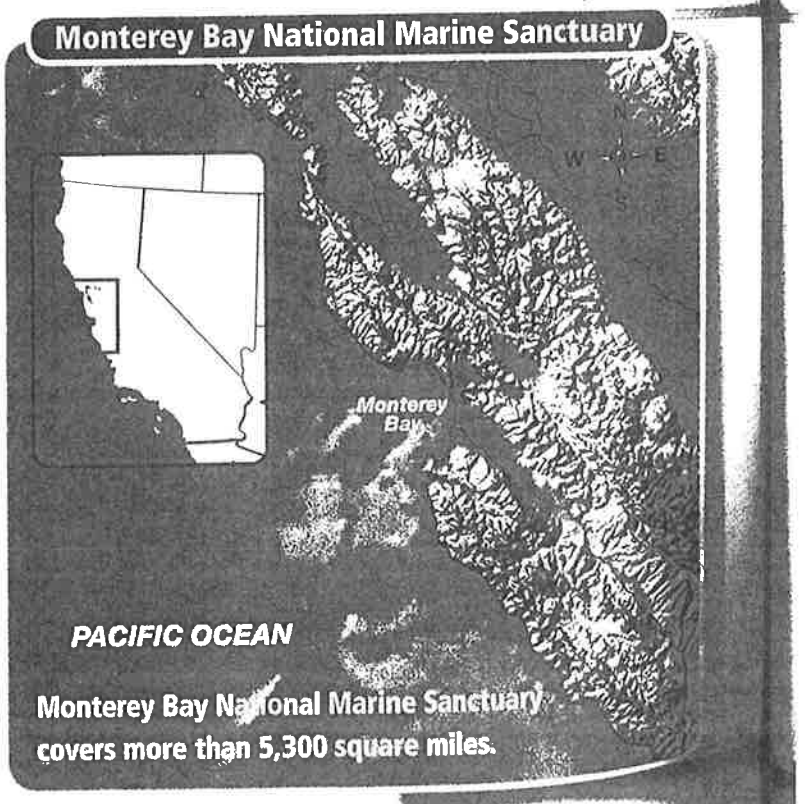
GENRE

Informational text, such as this science article, gives factual information about a topic, organized around main ideas and supporting details.

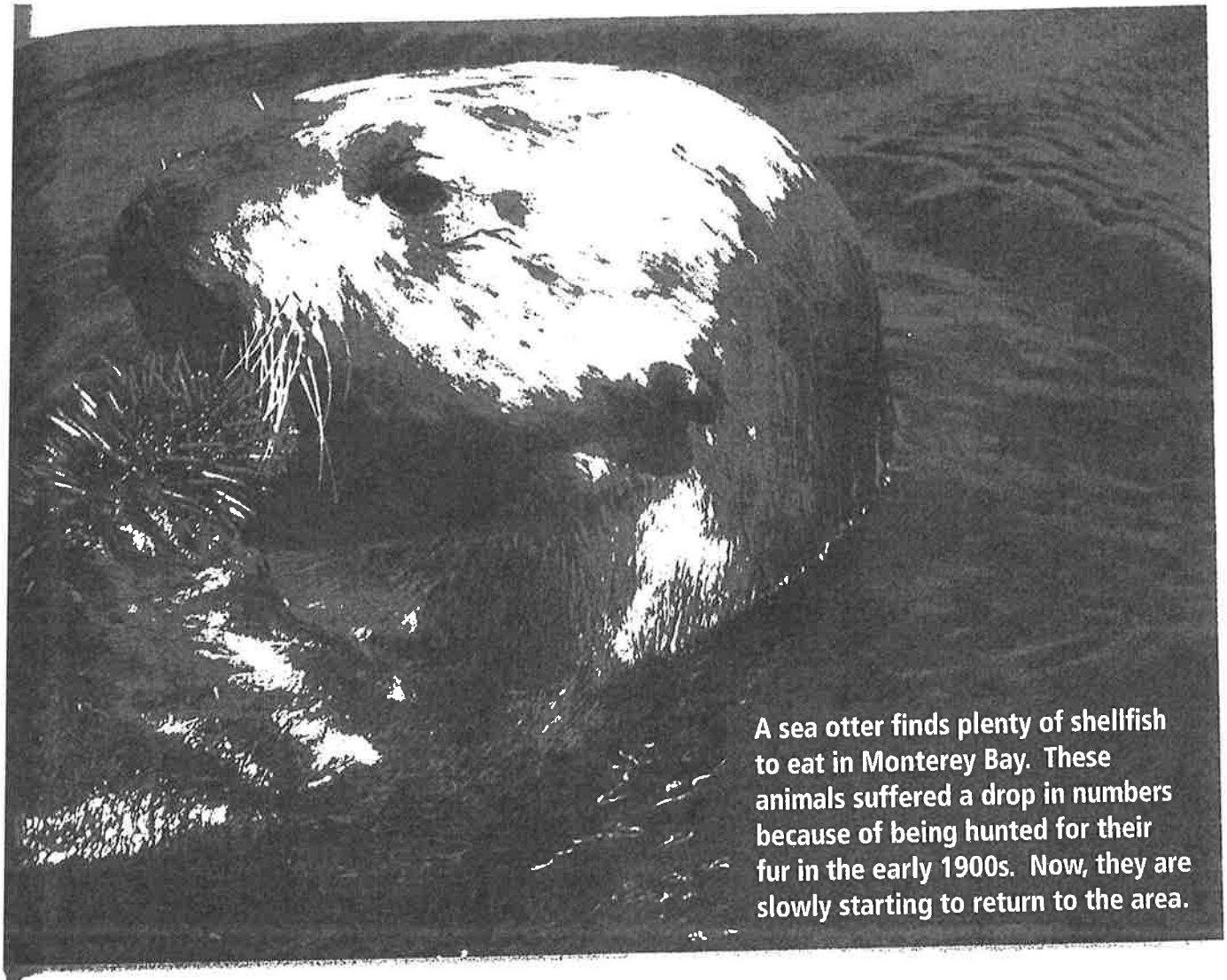
TEXT FOCUS

Maps and diagrams help readers understand facts in informational text. What information does the diagram on page 734 add to the text of this selection?





COMMON CORE **RI.4.7** interpret information presented visually, orally, or quantitatively; **RI.4.10** read and comprehend informational texts



A sea otter finds plenty of shellfish to eat in Monterey Bay. These animals suffered a drop in numbers because of being hunted for their fur in the early 1900s. Now, they are slowly starting to return to the area.

We often think of a wildlife sanctuary as a jewel of land that has been set aside to keep safe. But there are ocean sanctuaries, too.

The United States government has preserved thirteen important areas as marine, or sea, sanctuaries. The largest of them is California's Monterey Bay National Marine Sanctuary.

This sanctuary is an ecosystem. It is an environment whose nonliving parts, such as water and earth, work with its living parts. Each part is like a companion to another part. "Upwelling" is one example of this. Wind causes cold water to rise to the surface of the ocean. This cold water causes new plants to grow. Then, animals come to eat these plants. This food source is the chief reason why so many species are drawn to Monterey Bay. No enclosure, or closed space, keeps them there. The food does!

Each plant and animal in a sanctary is part of a food chain. A necessary bond connects each hunter to its prey. The need for food is why a hungry orca might charge at a sea lion. It is the same reason a sea lion might leave a rockfish exhausted after a chase. One animal depends on another for life.

Coral reefs and ocean waters are inseparable. Coral reefs can be found 110 miles off the Texas and Louisiana coasts. They are protected by the Flower Garden Banks, a 36,000-acre marine sanctuary.

The coral reefs lie on top of two salt domes, old underwater mountains. Today Flower Garden Banks Sanctuary is home to twenty-three types of coral. Anyone with affection for marine creatures will find many animals there. One might see turtles, manta rays, or the odd intruder, such as the huge whale shark.

Predators and Prey

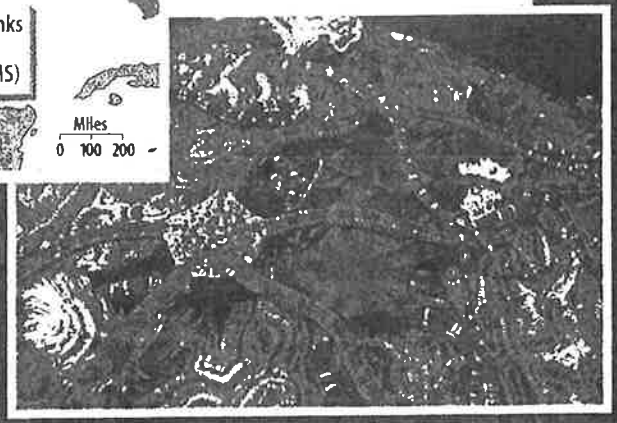
...environment keeps each ...the food chain well fed. Orcas ...lions. Sea lions eat rockfish. ...eat krill. Krill eat tiny plankton.

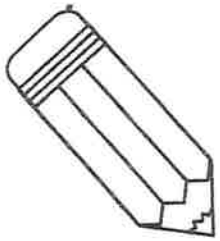
Orcas eat sea lions.

Sea lions eat rockfish.

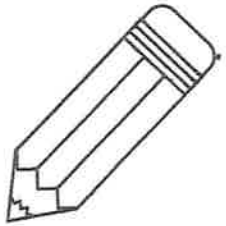
Rockfish eat krill.

Krill eat tiny plankton.





Writing Topic Grid



If you had to spend the whole day outside in the beautiful weather, write about what you would do.	Should students go to school year round, with two weeks at school, then two weeks off? Explain why or why not.	There are 24 hours in a day. Write about what your day would be like if there were only 6 hours in a day.	If you had to give up something that you love for one week, what would it be?
What does it mean to appreciate someone? What are some things you can do to show them you appreciate them?	Write an entry using this opening sentence: I'll never forget the time when...	Write about some chores you are responsible for at home, or ways that you help out around the house.	If you were going to open a restaurant, what would it be called? What are some things that would be on the menu?
If you were going on a picnic, describe what would be in your basket.	Would you rather have no TV, no computer, or no video games? Explain.	FREE CHOICE	Should stores be allowed to continue selling junk food, or should they be forced to stop?
What is one invention already exists that you wish YOU thought of? Why?	If you could be an author and write any book, what would be the title? What would it be about?	If you could only eat one food for the rest of your life, what would it be and why?	It's BBQ season! What is your favorite thing to eat at a BBQ?
FREE CHOICE	If you could create a special burger, what would it be called? What toppings would be on it?	If you could be on a reality TV show, would you be on a show about singing, dancing, cooking, or adventure?	FREE CHOICE

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Criteria

Expository:

❑ My writing gives information about my topic and has interesting ideas.

❑ My writing is organized so that a main idea and its details are in the same paragraph.

❑ My writing uses interesting words and sentences.

Persuasive:

❑ My writing persuades or convinces someone of something and has interesting ideas.

❑ My writing is organized in paragraphs with detailed reasons for supporting my idea.

❑ My writing uses interesting words and sentences.

Narrative:

❑ My writing tells a story with detailed events and has interesting ideas.

❑ My writing is organized in paragraphs for each main idea.

❑ My writing uses interesting words and sentences.

Poetry:

❑ My poem has a main idea.

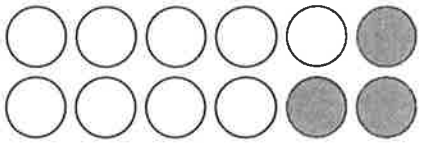
❑My writing uses creative poetry devices (eg. simile, alliteration etc.)

❑My writing uses interesting words.

Name _____

Daily Common Core Review
8-6

1. In the picture, $\frac{3}{12}$ of the circles are shaded. Which fraction is equivalent to $\frac{3}{12}$?



Ⓐ $\frac{1}{3}$

Ⓑ $\frac{1}{4}$

Ⓒ $\frac{1}{10}$

Ⓓ $\frac{1}{12}$

2. Shawn has a set of 125 marbles. He is organizing his marbles into 5 equal groups. How many marbles should he put in each group?

Ⓐ 10 marbles

Ⓑ 15 marbles

Ⓒ 20 marbles

Ⓓ 25 marbles

3. Mary is going to divide her sticker collection among 4 friends. She has 5 packs of 20 stickers. How many stickers will each friend receive?

Ⓐ 5 stickers

Ⓑ 15 stickers

Ⓒ 20 stickers

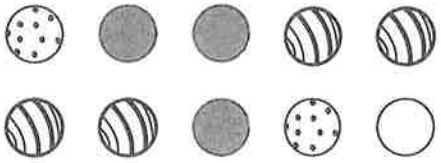
Ⓓ 25 stickers

4. Estimate the product 9×231. Show your work.

_____

_____

5. Write two fractions that represent the fraction of balls that are striped.



_____

6. A tree farm has 209 trees. There are 3 workers to water all of the trees. If each worker waters the same number of trees, can they complete the job? Explain.

_____

_____

_____

_____

_____

_____

7. Write two fractions greater than $\frac{1}{2}$.

_____

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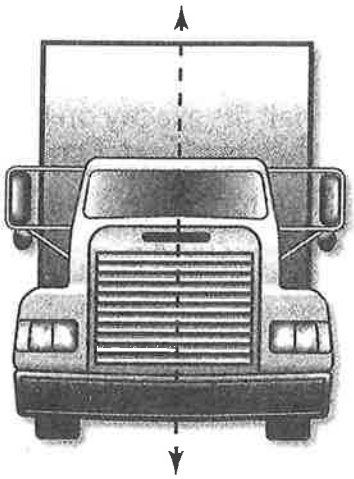
Learn Glossary

Essential Question

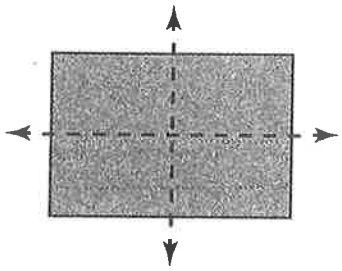
What Is Line Symmetry?

A

A figure is line symmetric if it can be folded on a line to form two matching parts that fit exactly on top of each other. The fold line is called a line of symmetry. There is one line of symmetry drawn on the picture of the truck. How many lines of symmetry do the figures below have?

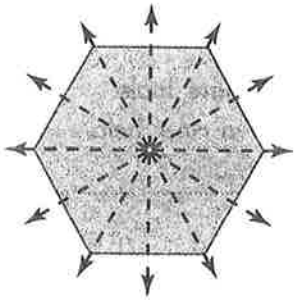


B A figure can have more than one line of symmetry.



This figure is line symmetric. It has 2 lines of symmetry. It can be folded on each line of symmetry into matching parts.

C A figure can have many lines of symmetry.



This figure is line symmetric. It has 6 lines of symmetry. It can be folded on each line of symmetry into matching parts.

D A figure can have no lines of symmetry.

This figure is **NOT** line symmetric. It has 0 lines of symmetry. It cannot be folded to have matching parts.

Convince Me! **© MP.7 Look for Relationships** Find two capital letters that have exactly one line of symmetry. Find two capital letters that have exactly two lines of symmetry.

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Name _____

Help | Practice Buddy | Tools | Games

Homework & Practice 16-4
Line Symmetry

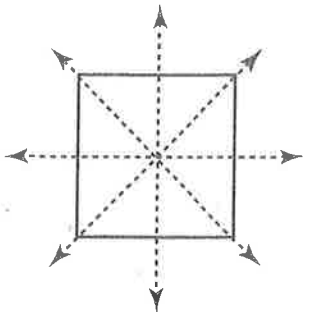
Another Look!

Line-symmetric figures are figures that can be folded to make matching parts.

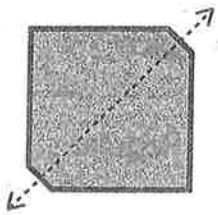
How many lines of symmetry does a square have?

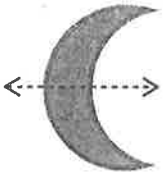
If you fold the square along any of the 4 dashed lines, the two matching parts will lie on top of each other.

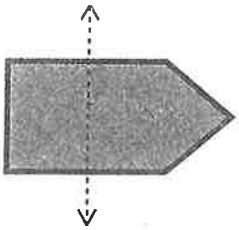
A square has 4 lines of symmetry. It is a line-symmetric figure.



For **1–4**, tell if each line is a line of symmetry.

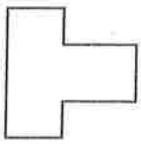
1. 

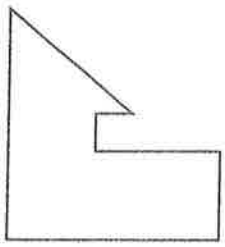
2. 

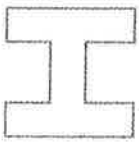
3. 

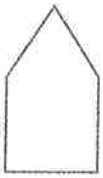
4.

For **5–12**, decide if each figure is line symmetric. Draw and tell how many lines of symmetry each figure has.

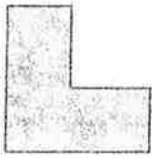
5. 

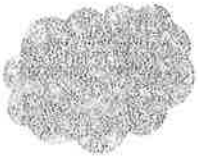
6. 

7. 

8. 

9.

10. 

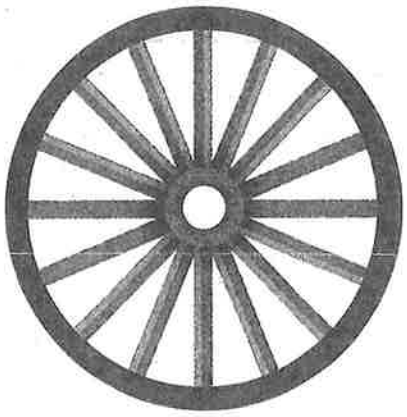
11. 

12.

13. **MP.3 Construct Arguments** How many lines of symmetry does a scalene triangle have? Explain.

14. **MP.2 Reasoning** Can an isosceles triangle have three lines of symmetry? Explain.

15. **MP.2 Reasoning** How many lines of symmetry does the wagon wheel at the right have? Draw or explain where the lines of symmetry are located.



16. **Number Sense** Stuart has $23.75. He wants to buy 2 tickets that each cost $15.75. How much more money does Stuart need? Use coins and bills to solve.

17. **Higher Order Thinking** Regular polygons have sides that are all the same length and angles that all have the same measure. A regular pentagon has 5 lines of symmetry and a regular hexagon has 6 lines of symmetry. Make a conjecture about the number of lines of symmetry for a regular octagon. Draw a regular octagon to support your conjecture.

Common Core Assessment

18. Which of the following numbers has exactly 2 lines of symmetry?

Ⓐ 1
Ⓑ 3
Ⓒ 7
Ⓓ 8

19. Which of the following letters is **NOT** line symmetric?

Ⓐ W
Ⓑ T
Ⓒ S
Ⓓ A

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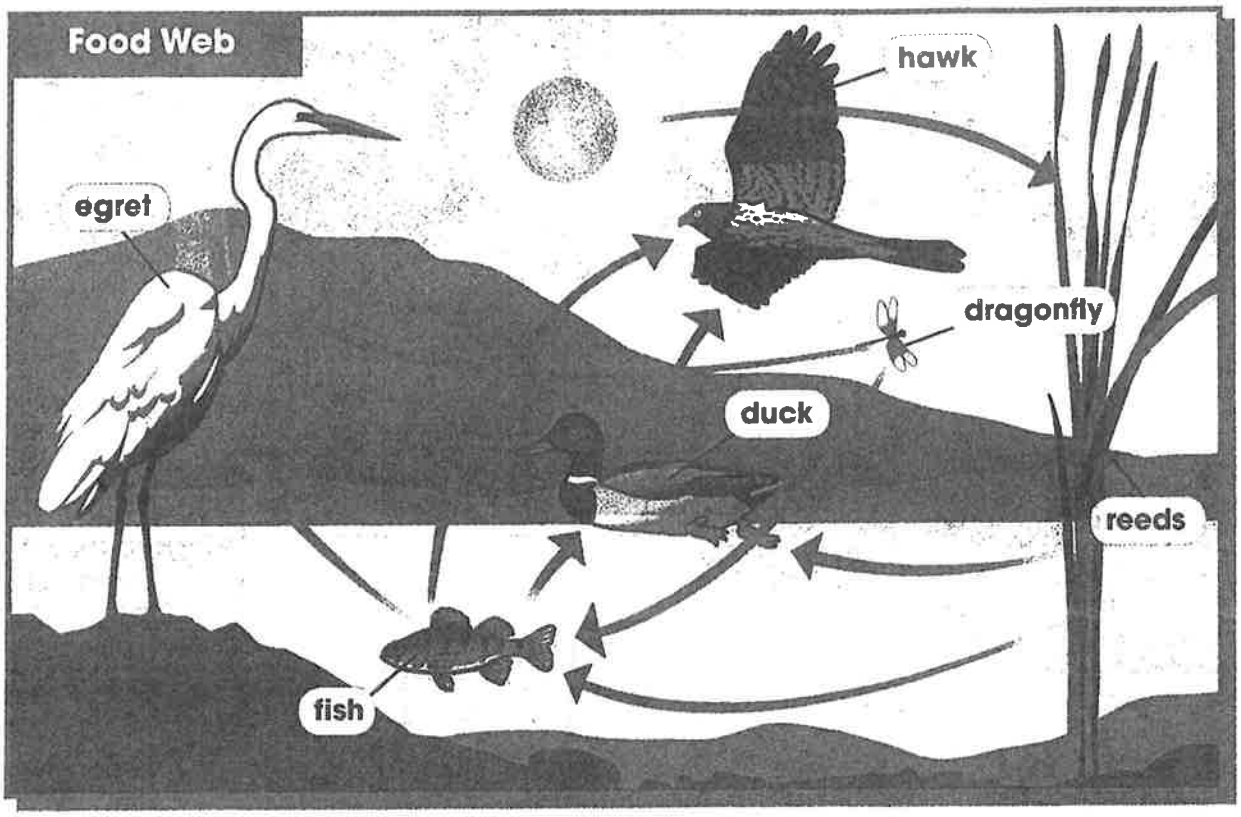
Use Text Features: Diagrams

A diagram is a drawing that shows information. Labels tell you about parts of a diagram. Look at the diagram of a food web below. The arrows show how energy moves from one living thing to another living thing. For example, the arrow pointing from the fish to the duck shows that the duck eats the fish for energy. Use the arrows and labels to answer the questions.



1. Which two animals could the egret eat? _____

2. What does the hawk eat for food? _____

3. Which animals eat reeds? _____

4. How does the fish interact with the dragonfly? _____

_____

Reflect and Write

Choose an animal from the article. Do some research to find out what it eats. Does the animal eat plants, animals, or both? Write a paragraph and draw a food chain about the animal. Remember to include the Sun in your food chain.

NTI Day 16

PE/Health

As part of NTi Day 11, PE and Health has been designated as your special, for today. For today's lesson, students will be performing various physical/health related activities.

ALL GRADE LEVELS

PE Bingo - Students will complete various activities listed on the BINGO card, in order to complete a BINGO line. They must complete 1 line vertically, 1 line horizontally, and 1 line diagonally. Parents please initial each box, as it is completed, for verification.

How Many Can You Do in 100 Seconds - This worksheet has a list of exercise activities for the students to perform. Each activity will be timed for 100 seconds, to see how many of each exercise they can do.

PE Fitness Calendar - Please continue to perform the designated movement that is listed on the calendar for each day, 3 times each day.

Physical Education BINGO

Name:_____ Teacher:_____

While at home please work to complete these different activities in order to make a BINGO! Write an answer or initial on the line when you complete the box. Turn in your BINGO card upon your return to school.

B Be ready for an adventure	I Indoor activities	N Need for Speed	G Getting off the couch	O Outdoor Activities
How many stairs are in your house? _____	Balance on 1 foot longer than your family members. _____	How fast can you skip from room to room. _____	Have a family plank contest. _____	See how far you can jump in 5 tries. _____
Take a nature hike in your yard. _____	Do a jumping jack for every letter of the alphabet. _____	How fast can you run a lap around your house? _____	Teach your family your favorite tag game. _____	Hop from your car to your house. _____
How many steps does it take to walk around your house? _____	Jump in and out of a room in your house while counting to 10 _____	FREE SPACE	Do jumping jacks for 3 different commercials. _____	Run 1 lap around your house for every letter in your name. _____
Do push ups during one commercial set _____	Jog in place for 30 seconds in every room of your house. _____	Have a race to find the fastest person in your family. _____	Dance to your favorite song. _____	Do 3 different animal laps around your house. _____
Take a walk around your neighborhood _____	Toss a ball to yourself or someone else and catch it 20 times. _____	How fast can you clean up your toys? _____	Do jumping jacks for 3 different commercials. _____	Coordinate a 2 minute dance using fortnite moves _____

NAME: _____ Home Room Teacher:		How many can you do in **100 seconds?**
1.	Jumping Jacks	
2.	Sit-Ups	
3.	Hops	
4.	Toe Touches	
5.	Push-Ups	
6.	Step-Ups	
7.	Jump Rope	

Physical Education Fitness Calendar

Directions: Complete each fitness challenge for each day of the month. When you are finished, pass it in to your Physical Education teacher.

Note: if you miss a day, that's ok. Just make up that day on the next day. The idea is to do something active everyday!!!

March 2020

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1 Hold onto a chair and stand on your tippie toes for 1 minute.	2 Lift one leg and balance without putting your other foot down for 30 seconds. Repeat with the other leg.	3 Jog in place for 30 seconds in every room of your home.	4 Do 25 back legs kicks per leg.	5 Hold the Superhero pose while you say the alphabet backwards. Repeat 3 times.	6 **Rest Day**	7 Do bicycle legs with a family member or friend for 60 seconds.
8 Do 15 push-ups with a family member or friend.	9 Do a side plank for 30 seconds each arm.	10 Do side lunges 30 times per leg.	11 In the Superhero pose lift a book off the ground and read one entire page.	12 **Rest Day**	13 Hold the Bird Dog position for 45 seconds per side.	14 Do 50 Jumping Jacks with a family member or friend.
15 Do 25 front lunges per leg with a family member or friend.	16 Put your feet under the couch and do 20 curl-ups.	17 Hold onto your toes while balancing on your bottom for 30 seconds.	18 **Rest Day**	19 Do side legs lifts 30 times per leg.	20 Do high knees while singing the school song.	21 Hold hands with a family member or friend and do 25 squats together.
22 Challenge a family member or friend to a "balance on one foot with eyes closed without losing balance" contest.	23 Challenge a family member or friend to a "plank without laughing" competition.	24 **Rest Day**	25 Do 30 Wall Push-ups.	26 See how many push-ups you can do in 30 seconds.	27 Put your toes under the couch and do 15 curl-ups.	28 Challenge a family member or friend to a "V balance" competition.
29 Make up your own fitness challenge and draw it on the back of this paper.	30 **Rest Day**	31 Pick One Of Your Favorite Days And Do It Again!!!	**Student Name:** **Parent Signature:** **Classroom Teacher:**			Check off (✓) when you finish each day