LEARN

A NETWORK *of* COLLEGE PREP ELEMENTARY SCHOOLS

Grade 2

Home Learning Packet

The contents of this packet contains 10 days of activities in paper copy. Students should be completing this packet, along with completing lessons on their math/reading *online* programs daily. If we surpass the 10 days without school, students should continue using their online math and reading programs for 45 minutes per day per program unless otherwise specified by your campus.

_____

(Student Name)

LEARN Charter Schools Reading Log

Name:_____Week Of: _____

Directions: Record the amount of time you read each day.

At home reading goal:

I will read at least 45 minutes at home five times a week.

Day	Date	Title	Genre	Page Started	Page Finished	Total Time

Day	Date	Title	Genre	Page Started	Page Finished	Total Time

Weekly At-Home Reading Tally

Day	Number of Minutes
Monday	
Tuesday	
Wednesday	
Thursday	
Friday	
Saturday	
Sunday	
Total Minutes This Week	

Teacher Initials for Meeting Weekly Goal: _____

Your Weekly Goal is **225** minutes. Did you meet your goal? _____

Did you exceed your goal? _____

If yes, by how many minutes? _____

What is your favorite book you read this week? Why was it your favorite?

_____

_____

_____

_____

_____

_____

_____

LEARN Charter Schools Reading Log

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Teacher Initials for Meeting Weekly Goal: _____

Your Weekly Goal is **225** minutes. Did you meet your goal? _____

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If yes, by how many minutes? _____

What is your favorite book you read this week? Why was it your favorite?

_____

_____

_____

_____

_____

_____

_____

Adding by Counting On and Making a Ten

Name: _____

Add.

1. $8 + 2 =$ _____
2. $8 + 3 =$ _____
3. $6 + 4 =$ _____
4. $6 + 8 =$ _____
5. $7 + 3 =$ _____
6. $7 + 5 =$ _____
7. $9 + 1 =$ _____
8. $9 + 6 =$ _____
9. $5 + 5 =$ _____
10. $5 + 8 =$ _____
11. $9 + 2 =$ _____
12. $2 + 9 =$ _____
13. $8 + 4 =$ _____
14. $4 + 8 =$ _____
15. $6 + 9 =$ _____
16. $6 + 7 =$ _____

17. Which strategy did you use to solve problem 11? Explain.

Color Shows Mood

Cross-Curricular Focus: Visual Arts

Name: _____

Artists use **color** to create patterns. Color can also show different moods. Bright colors make us feel happy and energetic. Dark colors make us feel calm or sad.

The primary colors are red, yellow, and blue. They are the colors that can be mixed together to make different colors. Mixing two primary colors makes a secondary color. The secondary colors are orange, green, and violet (purple). Orange is made by mixing yellow and red. Green is made by mixing yellow and blue. Violet is made by mixing red and blue. Intermediate colors can be made by mixing a primary and a secondary color together. Some intermediate colors are blue violet and red orange. Black, white, and gray are special colors. They are called neutral colors.

Colors have been organized into a color wheel. It shows the three primary colors, the three secondary colors, and the six intermediate colors. Artists use the the color wheel. It helps them know which colors they want to use together.

Answer the following questions based on the reading passage. Don't forget to go back to the passage henever necessary to find or confirm your answers.

1) What kinds of colors make us feel calm?

_____

_____

2) What kinds of colors make us feel like we have lots of energy?

_____

_____

3) What are the primary colors?

_____

_____

4) What are the secondary colors?

_____

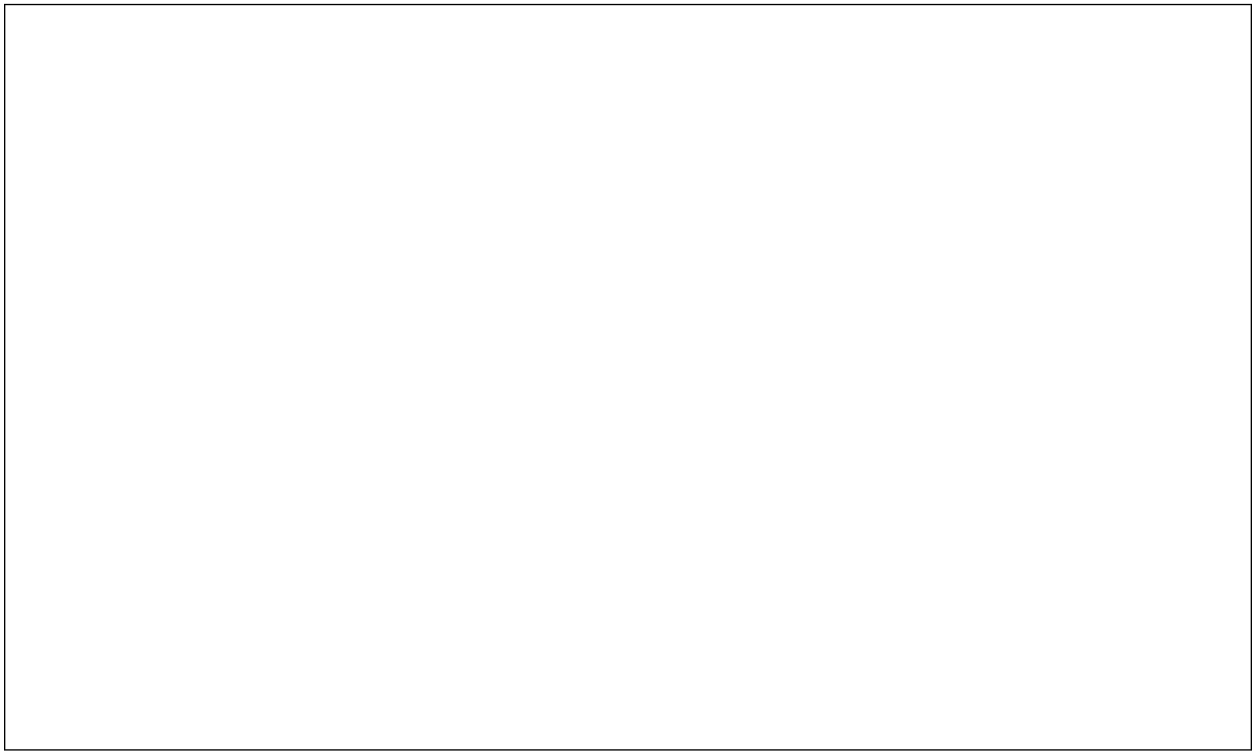
_____

5) What tool do artist use to organize all the colors?

_____

_____

Directions: What is your favorite book and why? Draw and describe using the lines below.



Current Events Log
Day 1

On the lines below, draw and write about something interesting you learned about by reading the newspaper, watching local news, or watching an educational TV show. Describe who, what, where, when, why, and how of what you learned. What facts or information are most interesting to you and why?

Counting On and Making a Ten to Subtract

Name: _____

Complete each set of equations.

1 $12 - 3 = \square$

$3 + \square = 12$

2 $14 - 5 = \square$

$5 + \square = 14$

3 $11 - 3 = \square$

$3 + \square = 11$

4 $15 - 7 = \square$

$7 + \square = 15$

5 $12 - \square = 10$

$12 - 4 = \square$

6 $13 - \square = 10$

$13 - 6 = \square$

7 $16 - \square = 10$

$16 - 9 = \square$

8 $15 - \square = 10$

$15 - 9 = \square$

9 In problem 6, how did you use your first answer to find your second answer?

Food Is Our Fuel

Cross-Curricular Focus: Life Science

Name: _____

Everything that is alive needs energy. All animals get the energy they need from **food**. People are animals. Think about the human body as an amazing machine. It can do all kinds of things for us. Food is the **fuel** that helps keep the amazing machine running.

Plants use sunlight to make their own food. Animals are not able to do that. Some animals eat plants. Some animals eat other animals as meat. Some animals, like people, eat both plants and animals.

Since plants make their own food using sunlight, the sun's energy is found in plants. The sun's energy is very strong. It loses a lot of its strength by the time it goes into a plant.

When we eat plants, we get more of the sun's energy than when we eat animals. That's why it is good to eat fruits and vegetables.When an animal eats a plant, the energy is less strong. The animal also used its energy to find the plant to eat. When a second animal eats the first animal, it gets even less energy than the first animal got. The second animal used a lot of energy to chase its prey.

Like a car that has to be filled with gasoline, living things have to eat again and again. Instead of gasoline, living things use food as fuel.

Answer the following questions based on the reading passage. Don't forget to go back to the passage whenever necessary to find or confirm your answers.

1) Where do all animals get their energy?

_____

_____

2) Where do plants get their energy?

_____

_____

3) If our bodies are amazing machines, then food is our _____ .

4) Why do we get more energy from eating vegetables than we get from eating meat?

_____

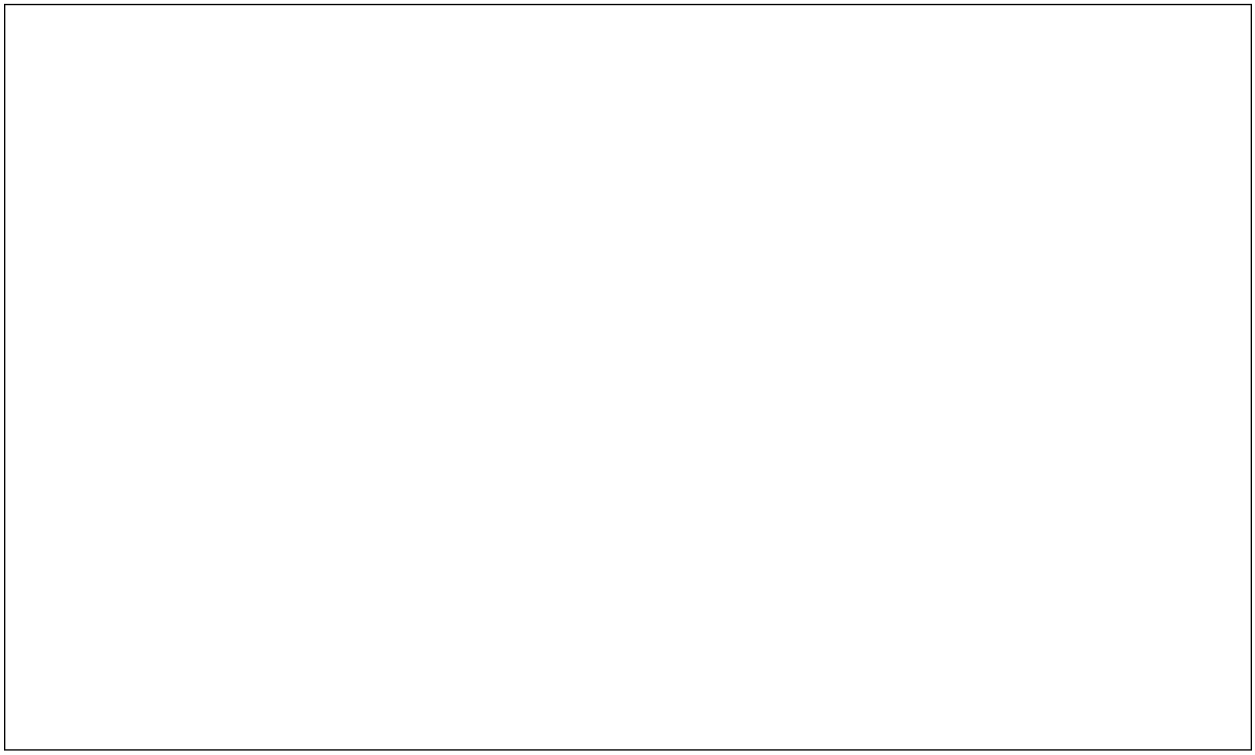
_____

5) If a third animal eats the second animal, will it get more or less energy?

_____

_____

Directions: What would you do to change the world? Draw and describe using the lines below.



Current Events Log
Day 2

On the lines below, draw and write about something interesting you learned about by reading the newspaper, watching local news, or watching an educational TV show. Describe who, what, where, when, why, and how of what you learned. What facts or information are most interesting to you and why?

Solving Take-Apart Word Problems

Name: _____

Solve problems 1–6.

1 Hailey buys 9 potatoes. 4 potatoes are white. The rest are red. How many red potatoes are there? Show your work.

Solution _____ potatoes are red.

2 Levi has 17 pet fish. 7 of the fish are goldfish. The rest are mollies. How many fish are mollies? Show your work.

Solution _____ fish are mollies.

3 Ada wants to read 12 books over the summer. 5 books are stories about cats. The rest are stories about horses. How many books are stories about horses? Show your work.

Solution _____ books are stories about horses.

4 There are 16 chairs at a table. 7 students sit down. The rest of the chairs are empty. How many chairs are empty? Show your work.

Solution _____ chairs are empty.

Name _____ Main Ideas

Day 3

What's the Main Idea?

1. Our elementary school chorus had the largest participation in its history this year. They did eight performances - three in school, and five around town - and received an award for Most Improved School Vocal Group from the state. There was a lot of great talent, and ten students make All County Chorus.

A. Our elementary school chorus is very popular.

B. Our elementary school chorus had a very successful year.

C. There are a lot of students in our elementary school chorus.

2. Helen held the new baby carefully in her lap, while her anxious parents hovered nearby. Helen could hardly believe how tiny she was. Helen's heart swelled with pride, and a new sense of responsibility.

A. Helen is going to babysit.

B. Helen is a nurse.

C. Helen has a new baby sister.

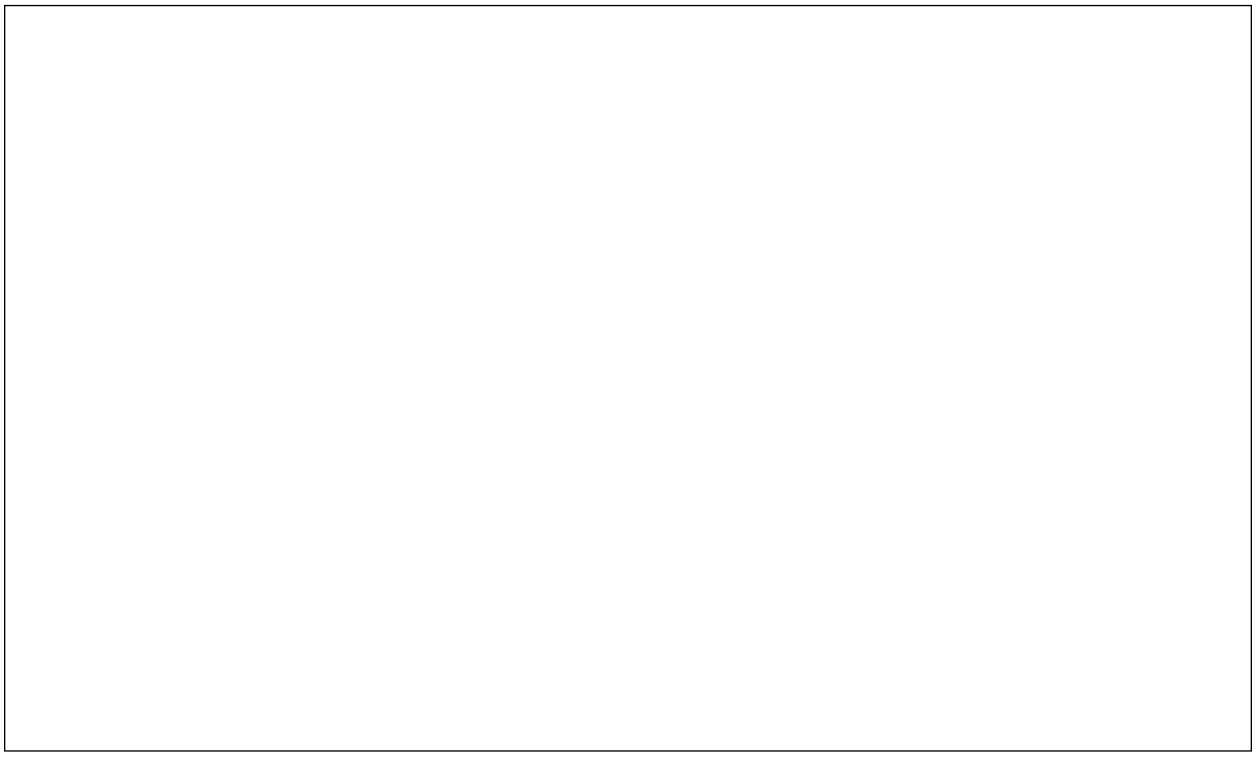
3. John trudged off the field, his shoulders slumped, as the batter on deck hurried to home plate. John sighed. Was he ever going to get a hit???

A. John is playing baseball.

B. John just struck out in baseball.

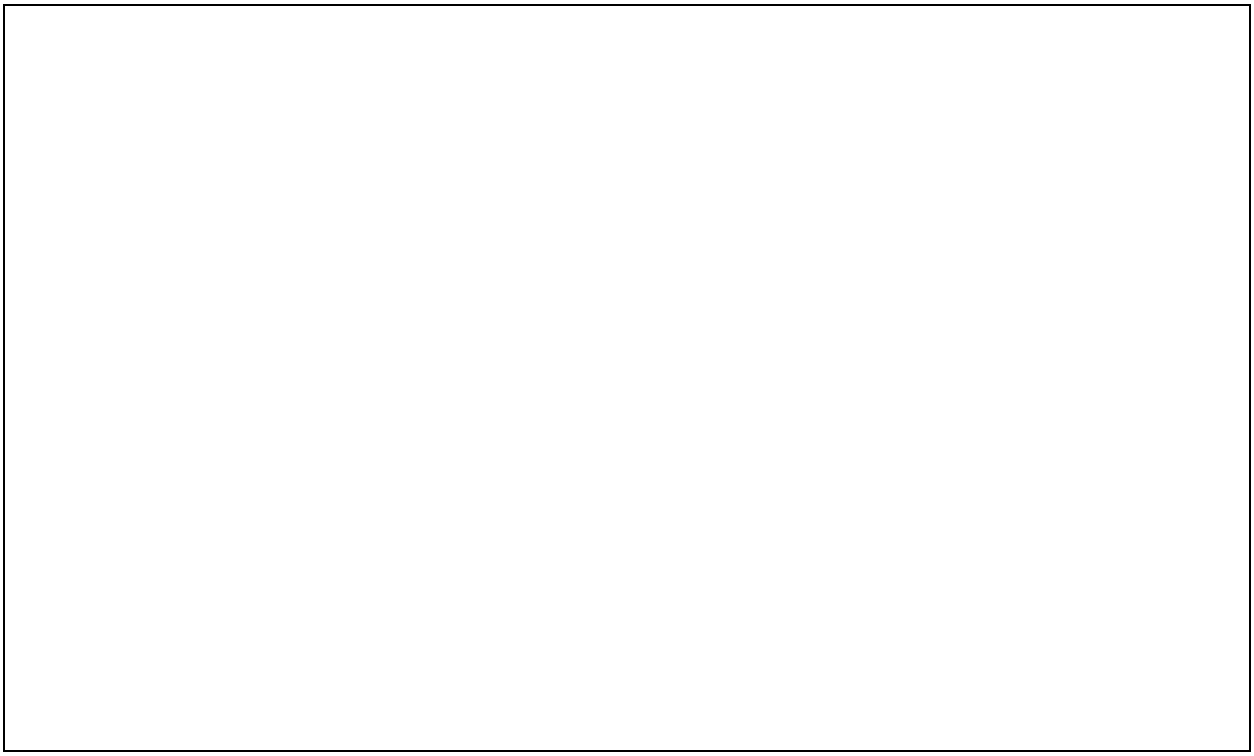
C. John is a baseball coach.

Directions: Write a letter to President George Washington. What would you ask the country's first president, George Washington, if he was alive today? Write a letter to President George Washington using the space below.



Current Events Log
Day 3

On the lines below, draw and write about something interesting you learned about by reading the newspaper, watching local news, or watching an educational TV show. Describe who, what, where, when, why, and how of what you learned. What facts or information are most interesting to you and why?



Ways to Solve Two-Step Problems

Name: _____

Solve problems 1–6. Show your work.

1 Jack has 9 flowers to plant. He plants 2 flowers before lunch. Then he plants 3 more after lunch. How many flowers does Jack have left to plant?

Jack has _____ flowers left to plant.

2 There are 8 girls at the park. First, 5 girls go home. Then 6 more girls come to the park. How many girls are at the park now?

There are _____ girls at the park.

3 Bella paints 6 pictures on Monday and 8 pictures on Wednesday. Then she paints 3 more pictures on Friday. How many pictures does Bella paint this week?

Bella paints _____ pictures this week.

4 Ali puts 12 books in a box. She takes 4 books out of the box. Then she puts 6 books in the box. How many books are in the box now?

There are _____ books in the box.

5 Lucas has 5 crayons. His sister gives him 6 more. Then he gives 4 to a friend. How many crayons does Lucas have now?

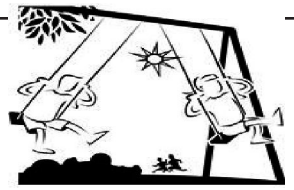
Lucas has _____ crayons.

6 Miss Brady puts 15 pencils in her desk. Then she takes out 9 pencils. After school she puts 5 pencils back in her desk. How many pencils are in Miss Brady's desk now?

There are _____ pencils in the desk.

How Things Move

Cross-Curricular Focus: Physical Science



We can watch things around us move. When something is in **motion**, it **changes** its position. Objects can move from one place to another. They can move in many directions. I f you roll a ball, it might move in a straight line. It might also move in a curve. A swing can move back and forth. A light switch can move up and down. Fans have blades that move in a circle.

If you want to know if something is moving, you can compare it to other things around it that are not moving. I f the things behind the object are changing, the object is probably moving. If they are not changing, the object is probably not moving.

You can measure the distance an object moves. Just measure the distance between where it was when it started to move and where it was when it stopped. Distance can be measured in inches, feet, yards or miles. Those measurements are in the customary system. It can also be measured in millimeters, centimeters, meters and kilometers. Those measurements are in the metric system.

Name: _____

Answer the following questions based on the reading passage. Don't forget to go back to the passage whenever necessary to find or confirm your answers.

1) When something is in motion, what does it change?

_____

_____

2) How does a swing move?

_____

_____

3) How does a light switch move?

_____

_____

4) How can you test if something is moving or not?

_____

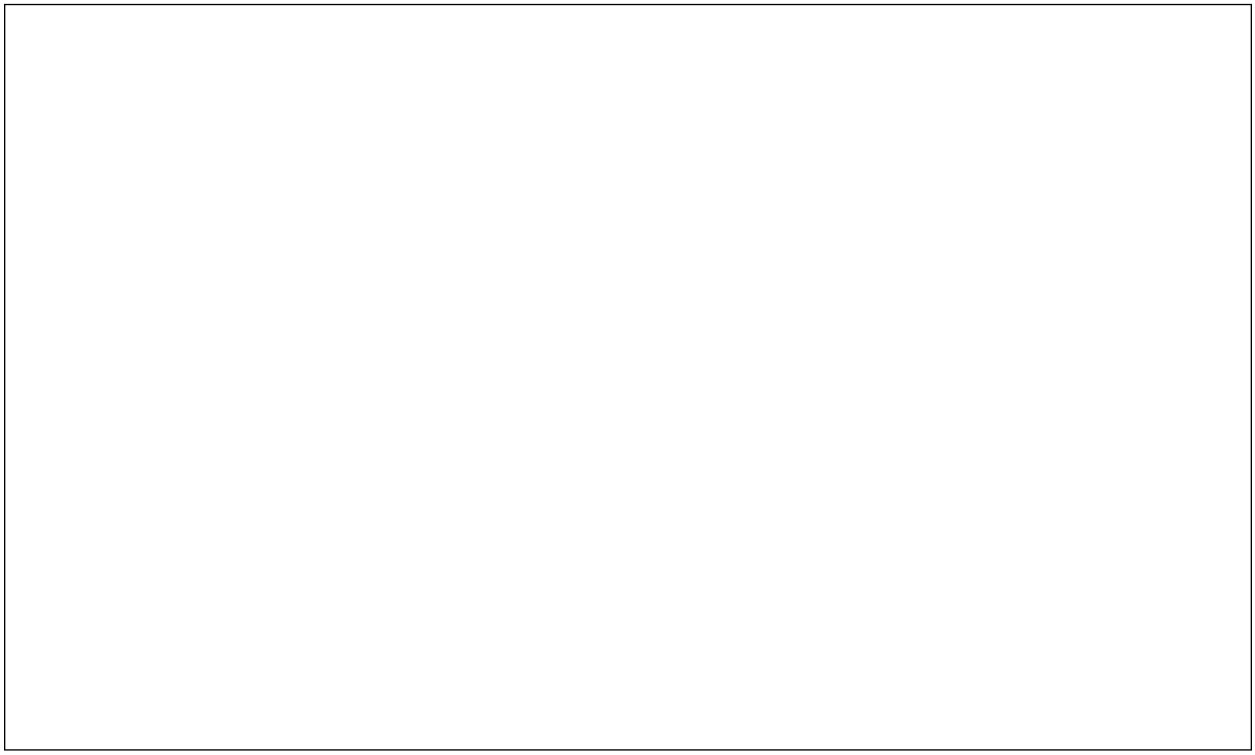
_____

5) What is one unit of measurement you could use to measure distance?

_____

_____

Directions: Write a poem using the following words: *love*, *happy*, *sunny*. Draw a picture to illustrate your poem.



Current Events Log
Day 4

On the lines below, draw and write about something interesting you learned about by reading the newspaper, watching local news, or watching an educational TV show. Describe who, what, where, when, why, and how of what you learned. What facts or information are most interesting to you and why?

Subtracting by Adding Up

Name: _____

Subtract.

1 50 − 29 = ?

29 + 20 = 49

49 + 1 = 50

20 + 1 = 21

50 − 29 = 21

2 71 − 45 = ?

_____ + _____ = _____

_____ + _____ = _____

_____ + _____ = _____

_____ + _____ + _____ = _____

71 − 45 = _____

3 80 − 41 = ?

_____ + _____ = _____

_____ + _____ = _____

_____ + _____ = _____

80 − 41 = _____

4 63 − 28 = ?

_____ + _____ = _____

_____ + _____ = _____

_____ + _____ = _____

_____ + _____ + _____ = _____

63 − 28 = _____

5 43 − 28 = ?

_____ + _____ = _____

_____ + _____ = _____

_____ + _____ = _____

_____ + _____ + _____ = _____

43 − 28 = _____

6 95 − 65 = ?

_____ + _____ = _____

95 − 65 = _____

Name _____ Main Ideas Day 5

The New Girl

There was a new family in the neighborhood. They had a little girl about Fiona's age, and Fiona really wanted to meet her. The first time Fiona saw the new girl in school, she smiled and said hello. When she saw her on the bus home from school, Fiona asked if they could sit together, and she told the new girl all about their neighborhood. One afternoon a few days later, when Fiona was outside playing with some of her friends, the new girl came outside. She stood in her front yard, looking uncomfortable. Fiona smiled, and waved, and called to her, and invited her to come play, which her new friend was happy to do!

What is the main idea? Circle the correct answer.

A. Fiona takes the bus to school.

B. There is a new family in the neighborhood.

C. Fiona is a very friendly girl.

Which of the following is a supporting idea?

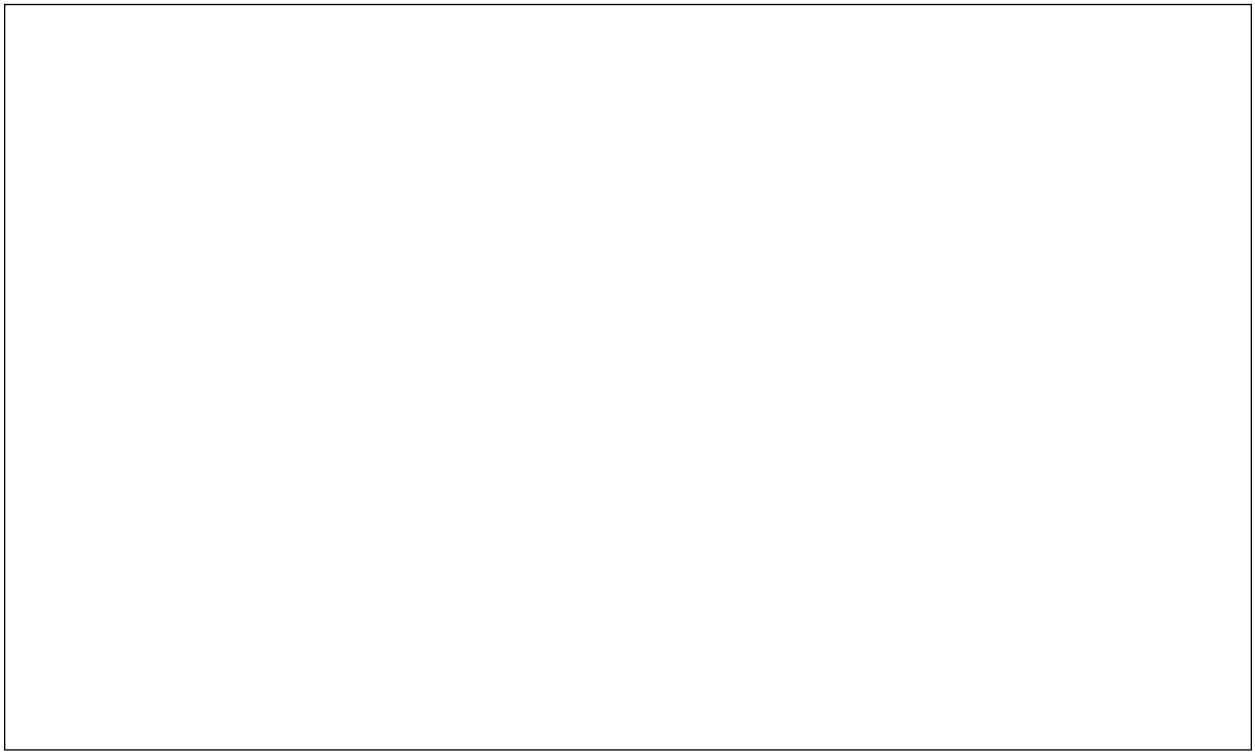
A. Fiona smiles and says hello.

B. The family has a girl about Fiona's age.

C. There is a new family in the neighborhood.

Day 5

Directions: Describe your favorite part of the school day. Write and draw using the lines below.



Current Events Log
Day 5

On the lines below, draw and write about something interesting you learned about by reading the newspaper, watching local news, or watching an educational TV show. Describe who, what, where, when, why, and how of what you learned. What facts or information are most interesting to you and why?

Subtracting by Regrouping

Name: _____

Circle all the problems where you can regroup a ten to help subtract. Then solve the circled problems.

1 32 − 16 = **16**

2 48 − 15 =

3 57 − 25 =

4 63 − 39 =

5 76 − 26 =

6 82 − 37 =

7 38 − 28 =

8 53 − 44 =

9 42 − 25 =

10 96 − 40 =

11 92 − 56 =

12 65 − 23 =

13 86 − 19 =

14 59 − 33 =

15 77 − 48 =

16 62 − 27 =

17 How did you know which problems to circle?

18 Check one of your answers by solving it using a different strategy. Show your work.

Cause & Effect

Cross-Curricular Focus: Reasoning Skills

Cause and effect is one way to explain things that happen around us. Many things happen because something **caused** or **influenced** them to happen. Sometimes it is hard to look at a cause and figure out the effect. It may help you to start with the effect and use your reasoning skills. Think about all the things you know that could be reasons for the effect you can see.

For example, you may see someone putting on a heavy jacket. This is the effect. To look for a cause, think to yourself, "What would make someone put on a heavy jacket?" Maybe the person is going outside into very cold weather. Maybe the person works in the penguin pen at Sea World. Maybe the person is going to visit an ice skating rink where the air is kept very cold. All of these things could be a cause for putting on a heavy jacket.

Now, think about another example. The effect is that the student had to go to the principal's office. What are the possible causes? Maybe the student bullied another student. Maybe the student is just being picked up early. Maybe the student is being given a prize!

Name: _____

Answer the following questions based on the reading passage. Don't forget to go back to the passage whenever necessary to find or confirm your answers.

The effect is: your clothes are wet.
Write two possible causes:

1. _____

_____

2. _____

_____

The effect is: you got an A+ on your spelling test! Write two possible causes:

3. _____

_____

4. _____

_____

5. In your own words, explain something you learned about cause and effect.

_____

_____

Directions: If you could meet any celebrity, who would you meet and why? Write and draw using the lines below.

Current Events Log
Day 6

On the lines below, draw and write about something interesting you learned about by reading the newspaper, watching local news, or watching an educational TV show. Describe who, what, where, when, why, and how of what you learned. What facts or information are most interesting to you and why?

Finding the Value of Three-Digit Numbers

Name: _____

The answers are mixed up at the bottom of the page. Cross out the answers as you complete the problems.

1. 300 + 50 + 1 = _____
2. 2 hundreds + 6 tens + 7 ones = _____
3. 400 + 20 + 6 = _____
4. 400 + 60 + 2 = _____
5. 600 + 40 + 2 = _____
6. 5 hundreds + 1 ten + 3 ones = _____
7. 3 hundreds + 7 tens + 5 ones = _____
8. 500 + 20 + 6 = _____
9. 200 + 8 = _____
10. 2 hundreds + 8 tens + 0 ones = _____
11. 600 + 70 + 1 = _____
12. 6 hundreds + 0 tens + 7 ones = _____
13. 400 + 70 + 6 = _____
14. 2 hundreds + 3 tens + 3 ones = _____
15. 3 hundreds + 2 tens + 3 ones = _____
16. 3 hundreds + 3 tens + 2 ones = _____

Answers:

233	607	476	323	267	671
426	513	526	208	642	462
332	375	280	351		

Day 7

Context Clues

Second Grade Vocabulary Worksheet

Read each sentence and work out the meaning of the bolded word using cross sentence clues. Fill in the circle next to the correct answer.

The swimmer kept **afloat** by laying on her back in the water.

- ◯ to fall or drop slowly
- ◯ to rest on the surface of the water

The boy **claimed** that someone else broke the window, but all the other children said it was him.

- ◯ a sentence that asks for a reply
- ◯ to state or demand as one's right

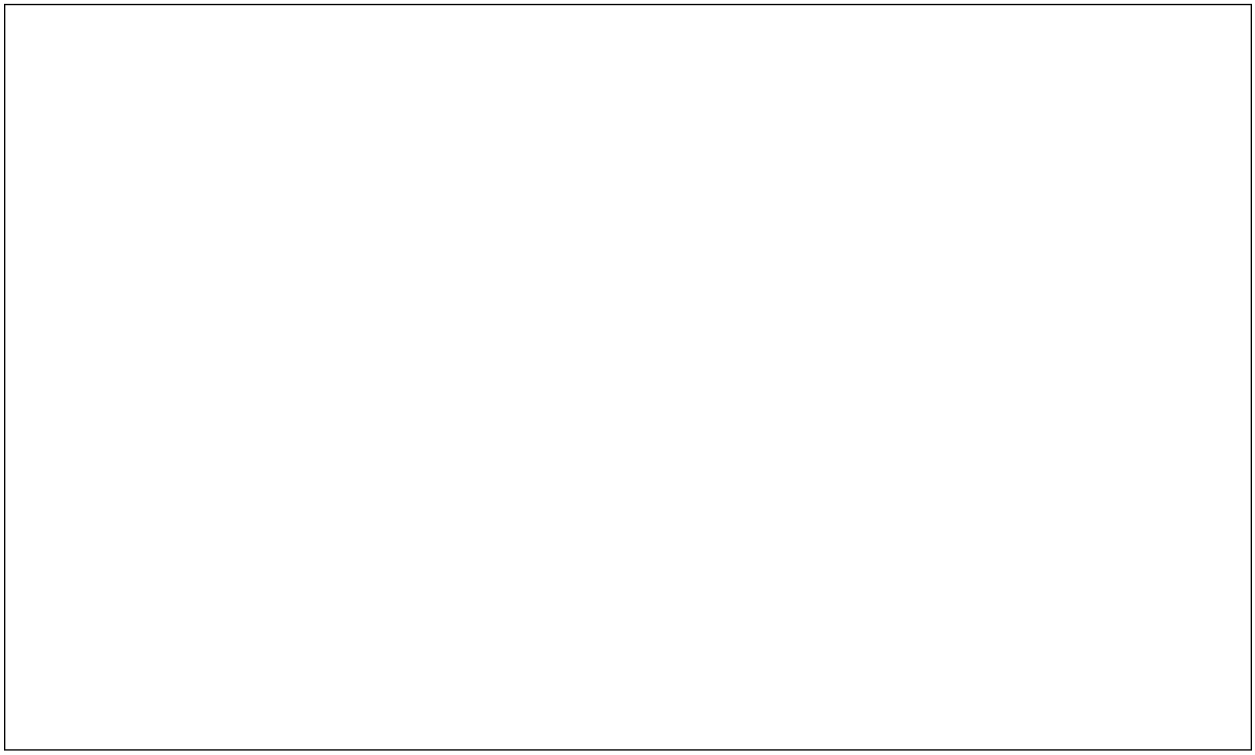
I **shared** the cake with my friends.

- ◯ to divide and give out to others while keeping a portion for oneself
- ◯ to put or store

The telephone was **invented** by Alexander Graham Bell.

- ◯ to think of, come up with, or create something new
- ◯ to ruin completely

Directions: Write about something that always puts a smile on your face. Write and draw using the lines below.



Current Events Log
Day 7

On the lines below, draw and write about something interesting you learned about by reading the newspaper, watching local news, or watching an educational TV show. Describe who, what, where, when, why, and how of what you learned. What facts or information are most interesting to you and why?

Adding and Regrouping Ones

Name: _____

The answers are mixed up at the bottom of the page.
Cross out the answers as you complete the problems.

1	635 + 321	**2**	439 + 154	**3**	336 + 123
4	825 + 166	**5**	512 + 336	**6**	246 + 348
7	772 + 109	**8**	347 + 314	**9**	483 + 208
10	225 + 224	**11**	548 + 406	**12**	475 + 515
13	273 + 211	**14**	728 + 253	**15**	627 + 263

Answers:

449	594	881	956	691
484	661	890	991	593
954	848	990	459	981

Day 8

Word definitions

Second Grade Vocabulary Worksheet

Circle the word that describes the word in bold in each sentence.

1. The main **performer** had to change her costume many times during the play.

fan	actor	audience	student

2. He can't lift that **crate** by himself.

chest	lid	chair	mirror

3. The baby is crying as she's **craving** milk.

playing	satisfied	heating	hungry

4. Please **calm** down kids; I want to read in peace.

settle	move	worry	disturb

5. We use a parasol to **shade** ourselves from the sun.

light	reveal	shield	show

6. This apple juice is one hundred per cent **pure**.

mixed	fixed	natural	different

Directions: Imagine you are a spider. Where would you build your web? How would you build it? What bugs would you catch? Write and draw using the lines below.

Current Events Log
Day 8

On the lines below, draw and write about something interesting you learned about by reading the newspaper, watching local news, or watching an educational TV show. Describe who, what, where, when, why, and how of what you learned. What facts or information are most interesting to you and why?

Adding and Regrouping Tens

Name: _____

Look at the hundreds digits in each problem. Circle those that will have a sum greater than 500. Then find the exact sums of only the problems you circled.

1 435 + 283 = 718

2 205 + 113 = _____

3 586 + 130 = _____

4 378 + 343 = _____

5 186 + 175 = _____

6 476 + 234 = _____

7 152 + 169 = _____

8 214 + 225 = _____

9 362 + 556 = _____

10 481 + 262 = _____

11 145 + 239 = _____

12 347 + 133 = _____

13 286 + 644 = _____

14 267 + 174 = _____

15 383 + 319 = _____

16 How do you know that 361 + 283 is greater than 500 without finding the sum?

Paragraph

Second Grade Vocabulary Worksheet

Read the paragraph and fill in the missing words from the word list.

latch	**measuring**	**month**	**mouth**	**dentist**	**teeth**

It was time for math class, and they were _____ the distances between different places on the earth with rulers. There was a call from the office telling Jamie to bring her things and go to the office. She knew she had a dentist appointment. She had made sure to brush her _____ after lunch so she didn't have bad breath for the dentist! On her way out the door, the cloth of her dress got stuck on the _____. Oops! She got to the dentist and he looked inside of her _____ at each tooth. "Do you brush your teeth every day?" he asked. "Yes!" I said. "Good, I don't want to have to see you again next _____ with a cavity!" he replied. Jamie was happy after her _____ appointment since she did not have any cavities!

Directions: Do you believe students should wear uniforms to school? Write a persuasive essay in favor or against uniforms.

Current Events Log
Day 9

On the lines below, draw and write about something interesting you learned about by reading the newspaper, watching local news, or watching an educational TV show. Describe who, what, where, when, why, and how of what you learned. What facts or information are most interesting to you and why?

Regrouping Hundreds to Tens

Name: _____

The answers are mixed up at the bottom of the page.
Cross out the answers as you complete the problems.

1	816 − 432	**2**	927 − 563	**3**	506 − 315
4	448 − 160	**5**	743 − 471	**6**	476 − 293
7	628 − 236	**8**	961 − 470	**9**	527 − 256
10	347 − 154	**11**	835 − 285	**12**	624 − 382
13	329 − 170	**14**	465 − 195	**15**	519 − 378

Answers:

193	242	191	384	272
364	271	491	288	392
183	141	550	159	270

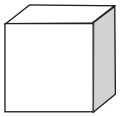
3-D: It's Not Just For Movies

Cross-Curricular Focus: Mathematics

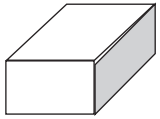
Name: _____

You may have heard of 3-D movies. You may have even seen one. The *D* in 3-D stands for dimensional. A dimension is a direction that something can be measured. Flat things can be measured in two ways. They can be measured by length and by width. That's why flat things are sometimes called 2-D or two-dimensional. Three-dimensional things can be measured in three ways. They can be measured by length and width like flat things. They can also be measured by their height. Height is what lets them come up off the paper or the screen.

Three-dimensional shapes in math are called solids. Let's look at some of the most common solids.

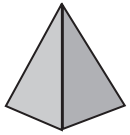


A **cube** has six square sides. The sides are called faces.



A **rectangular prism** has six sides that are all shaped like rectangles.

A **sphere** is shaped like Earth. It is also like a playground ball.



A square **pyramid** has a square on the bottom, and four triangle-shaped sides.

Answer the following questions based on the reading passage. Don't forget to go back to the passage whenever necessary to find or confirm your answers.

1) What is a dimension?

_____

_____

2) How can flat, two-dimensional things be measured?

_____

_____

3) What are three-dimensional shapes called in math

_____

_____

4) What shape are the sides of a cube?

_____

_____

5) What does a sphere look like?

_____

_____

Directions: Do you have any brothers or sisters? If you do, describe what they're like. If you don't, tell whether or not you would like to have a brother or sister. Write and draw using the lines below.

Current Events Log
Day 10

On the lines below, draw and write about something interesting you learned about by reading the newspaper, watching local news, or watching an educational TV show. Describe who, what, where, when, why, and how of what you learned. What facts or information are most interesting to you and why?