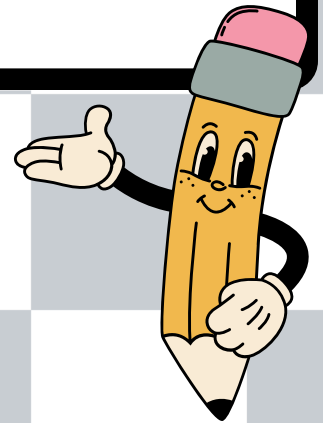


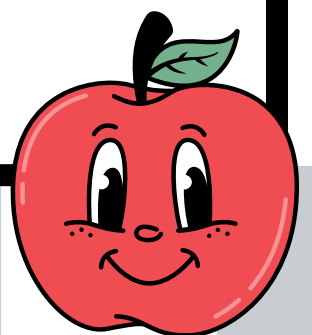
4th Grade
AMI WORKBOOK

2025-2026

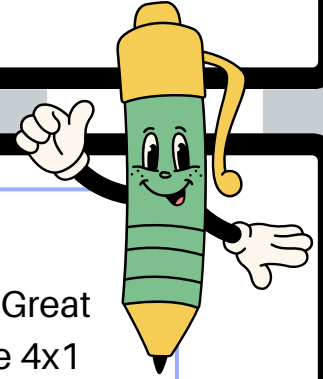


DAY

1



AMI DAY #1



Math

Complete the sheet titled Great Invention Years. Solve the 4x1 multiplication problems to determine the year each invention was invented.

ELA

Read *The Pet Problem* and *Save the Puppy*. Complete the problem and solution organizers about each passage.

Complete the worksheet on prefixes and the daily language practice worksheet.

Science/ Social Studies

Complete the Animal Structure Quiz to show what you remember about animal structures and functions.

Write a diary entry as if you're a young person living in Roanoke Colony, 1585, and you wake up to tons of snow!



Great Inventions Years



Multiply each year by the given factor. Use the shaded number in the product to find out what was invented that year.

$$\begin{array}{r} \boxed{1} \boxed{1} \boxed{1} \\ 1879 \\ \times \quad \quad \quad 2 \\ \hline \boxed{} \boxed{3} \boxed{7} \boxed{5} \boxed{8} \end{array}$$

$$\begin{array}{r} \boxed{} \boxed{} \boxed{} \\ 1450 \\ \times \quad \quad \quad 3 \\ \hline \boxed{} \boxed{} \boxed{} \boxed{} \boxed{} \end{array}$$

$$\begin{array}{r} \boxed{} \boxed{} \boxed{} \\ 1885 \\ \times \quad \quad \quad 5 \\ \hline \boxed{} \boxed{} \boxed{} \boxed{} \boxed{} \end{array}$$

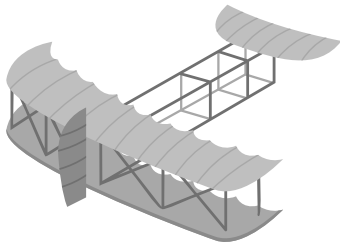
$$\begin{array}{r} \boxed{} \boxed{} \boxed{} \\ 1876 \\ \times \quad \quad \quad 9 \\ \hline \boxed{} \boxed{} \boxed{} \boxed{} \boxed{} \end{array}$$

$$\begin{array}{r} \boxed{} \boxed{} \boxed{} \\ 1895 \\ \times \quad \quad \quad 3 \\ \hline \boxed{} \boxed{} \boxed{} \boxed{} \boxed{} \end{array}$$

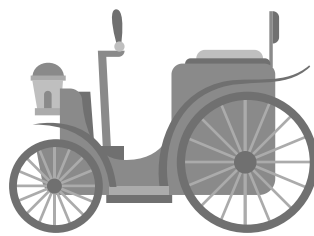
$$\begin{array}{r} \boxed{} \boxed{} \boxed{} \\ 1926 \\ \times \quad \quad \quad 5 \\ \hline \boxed{} \boxed{} \boxed{} \boxed{} \boxed{} \end{array}$$

$$\begin{array}{r} \boxed{} \boxed{} \boxed{} \\ 1939 \\ \times \quad \quad \quad 5 \\ \hline \boxed{} \boxed{} \boxed{} \boxed{} \boxed{} \end{array}$$

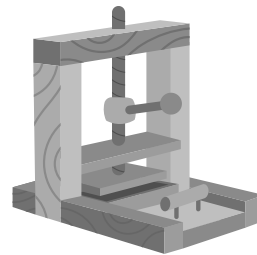
$$\begin{array}{r} \boxed{} \boxed{} \boxed{} \\ 1903 \\ \times \quad \quad \quad 7 \\ \hline \boxed{} \boxed{} \boxed{} \boxed{} \boxed{} \end{array}$$



1 Airplane



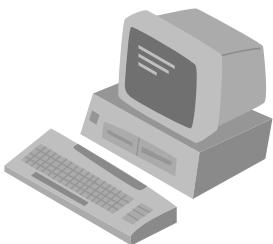
2 Automobile



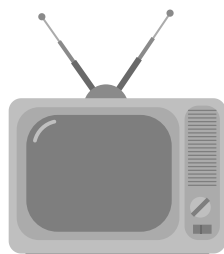
3 Printing Press



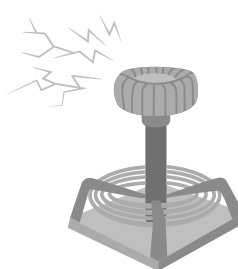
4 Telephone



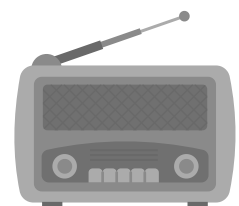
5 Computer



6 Television



7 Electric Light
1879



8 Radio

The Pet Problem



[Ten-year-old Joshua is reading a book in the living room when he is startled by the sound of the sliding door banging shut. Joshua sees his father coming inside, obviously upset.]

Joshua: Hey Dad, I thought you were going to relax in the backyard, but that was the world's shortest nap!

Dad: I was looking forward to a nap in the hammock, but I was shocked to find it in shreds.

Joshua: How did *that* happen?

Dad: Well, why don't you come here to the window and take a look.

[Joshua walks over and looks into the backyard.

Joshua sees the hammock, ripped in half, the remaining two pieces dangling from the hooks.

Joshua gasps when he sees his dog Apollo happily chewing on a piece of fabric.]

Joshua: Apollo did it! But why would he chew up your hammock? He's got a zillion things to play with.

Dad: This isn't the first time Apollo has damaged something. Remember how Apollo dug up your mother's garden? I know you love Apollo, but we can't continue to let him destroy everything he sees. If we can't figure out how to keep Apollo from being so destructive, we'll have to find him another home.

Joshua: You can't give Apollo away! Besides, he's part of our family.



Dad: I like Apollo too, but I want to be able to relax in the backyard and not worry about which of my things he's going to rip apart next.

Joshua: I could tie Apollo to the tree in the backyard and then he won't be able to dig up or chew on anything.

Dad: Apollo can't stay tied up all the time. We need to talk to someone who knows a lot about dogs. If we talk to Apollo's vet, he might have some information that will help us solve this problem.

[Joshua and his father wait with Apollo inside an exam room at Dr. Hamilton's office. Apollo barks as the door opens and Dr. Hamilton enters.]

Dr. Hamilton: How can I help you today?



Dad: We've got a real problem. Apollo has been destroying everything in our backyard, and we need to find a way to stop this behavior.

Joshua: Apollo is the best dog in the world, and I don't want to send him away.

Dr. Hamilton: Apollo is a German shepherd and needs to stay active. He's probably bored. Try walking him for an hour at least two times a day and take him to a dog park for exercise. And train him so he learns what he can and can't do.

Dad: We'll follow your advice, Dr. Hamilton, and see what happens.

[One month later, Joshua plays with Apollo in the backyard while his dad swings in a new hammock.]

Joshua: Apollo has

gotten so much better that I can't believe this is the same dog. I'm glad we talked to the vet.

Dad: I'm glad we found a solution to our pet problem, which means now I can relax in peace.

DID YOU KNOW?

Everyone, even the President of the United States, can benefit from **expert advice** when it comes to solving problems. The sixteen members of the Cabinet give the President advice on any subject he requires, including education, health, and transportation.

Name _____ Date _____

 y Question

What are some ways people solve problems?

 On Your Own

- 1. Read the Key Question. Then read the story. Look for details in the story that help you answer the Key Question. Highlight these details.
- 2. Now look back at the story. Use the details you highlighted to describe the problem and solution in the chart below.

problem	Solution

- 3. Think about the Key Question. Write your answer to the Key Question using the details you found in the story you read.

 My First Answer



Comprehension

Independent Practice Passage

Graphic Organizer

Name _____

Save the Puppy

Pet owners often take their pets for car rides in the summer. However, leaving a pet in a car when it is hot is dangerous. The high temperatures can hurt the pet. So pet owners must remember not to leave their animals inside the hot cars.

That's exactly what happened in the state of Florida In May 2018. Police received a call about a crying puppy locked in a car. The temperature was 92 degrees outside, and even hotter inside the car.

When two policemen arrived, the car's owner was nowhere to be found. The officers said the dog was "panting heavily, and in distress." Yet, how could they rescue it?

The policemen decided to break the car window. They pulled out the puppy and saw it was sick. So, they gave the dog water and put her in their air-conditioned car to cool off.

That left just one last thing to do: track down the puppy's owner. After a search, they found and arrested the owner on charges of animal cruelty.

Instructions: Identify three problems from the story and write those in the column on the left. In the column on the right, write their solutions, according to the passage. Then use the information in the graphic organizer to write an essay that summarizes the passage.

Problem	Solution



Name _____ Date _____

Instructions: Read each word. Circle its prefix and underline its root. Then write the meaning of the word on the line next to it. See the meanings shown in the box to help you.

Prefixes meanings:

tele = distant

micro = small

Roots meanings:

scope = see

meter = measure

graph = write or draw

gram = writing/drawing, or a small weight

① telescope _____

② microgram _____

③ micrograph _____

④ telegram _____

⑤ microscope _____

⑥ telemeter _____

⑦ micrometer _____

⑧ telegraph _____



1. Choose the sentence that has correct subject-verb agreement.

- a) In the fall, we jumps into leaf piles.
- b) In the fall, we jump into leaf piles.

2. Circle the words that contain the schwa sound.

celebrate maple amaze relative

3. Which preposition completes the sentence?

In the winter, I use the sled _____ my aunt.

- a) out b) at c) from d) above

4. Circle the compound word and write the two words that make it.

When it is springtime, we ride our bikes at the park.

5. Circle the mistakes. Then fix and rewrite the sentence.

summer last, I hits the ball over the fence at base ball practice

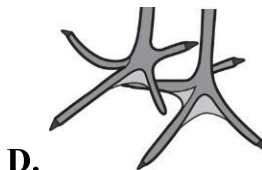
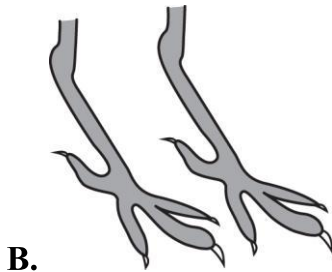
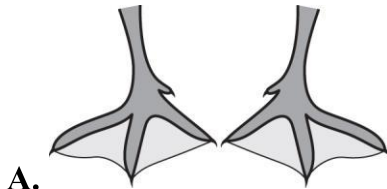
ame:

Date:

Quiz: Engineer It • What Are Some External Structures of Animals?

Read each question. Circle the letter of the correct answer.

1. Lakes are home to many kinds of birds. Which feet are most likely found on a bird that swims in water to find food?

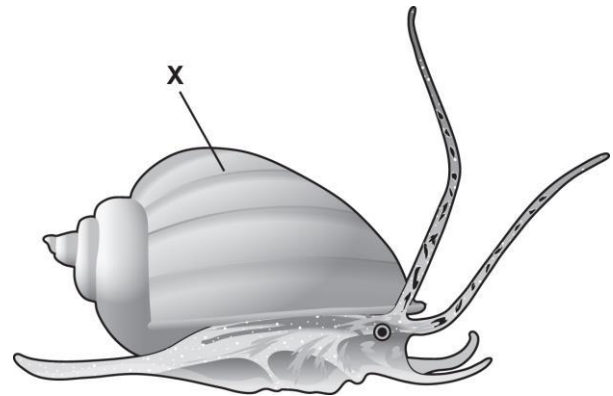


2. A horse has teeth that are flat instead of pointed. Which of these does a horse's teeth help the horse do?
- A. eat grass
 - B. catch prey
 - C. drink water
 - D. avoid danger

3. The main food of birds that live in an area is a tree that produces nuts with a hard shell. Which beak shape are birds that live there most likely to have?

- A. long and thin
- B. flat and wide
- C. thick and strong
- D. sharp and pointed

4. A snail is an animal that lives in ponds, lakes, and rivers.

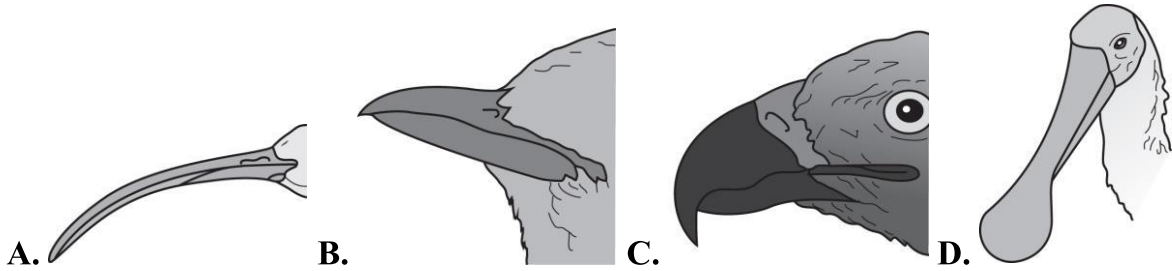


How does the snail use the structure labeled X?

- A. to find food
- B. to reproduce
- C. to digest its prey
- D. to protect itself from predators

ame: _____ Date: _____

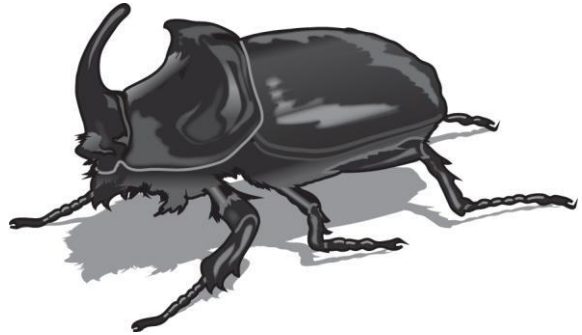
5. The main sources of food for birds that live in a grassland are seeds, mice, and burrowing insects. Which bird beak would be the least useful in a grassland?



Read each statement. Write your answer on the lines.

6. Explain how the hard shell of a turtle helps the turtle stay alive.

7. The picture shows a rhinoceros beetle. The rhinoceros beetle has a horn-like structure on its head. Describe how the rhinoceros beetle most likely uses its horn to help it survive.



Describe evidence that would support your answer.

Diary of a Colonist

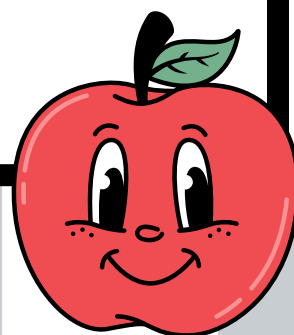
By _____

Roanoke Colony, 1585

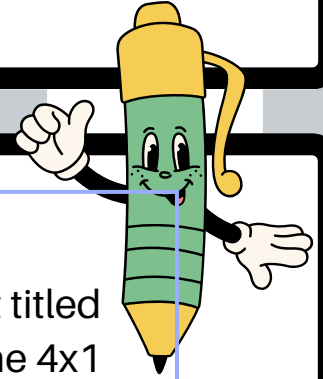
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DAY

2



AMI DAY #2



Math

Complete the worksheet titled Partial Products. Solve the 4×1 multiplication problems to solve the sentence stem.

ELA

Read *The Excited Child* and *Influence of Magna Carta*. Complete the point of view organizers about each passage.

Complete the worksheet on base words and the daily language practice worksheet.

Science/ Social Studies

Complete the Plant Structure Quiz to show what you remember about plant structures and functions.

Write a diary entry as if you're a young person living in Jamestown Colony, 1607, and you wake up to tons of snow!



Partial Products (Page 1)



Solve the multiplication using the space on page 2. Cross off the products in the box. The remaining number completes the fun fact.

$2,375 \times 7 = \boxed{}$

$1,657 \times 4 = \boxed{}$

$8,843 \times 8 = \boxed{}$

$6,102 \times 9 = \boxed{}$

$5,084 \times 3 = \boxed{}$

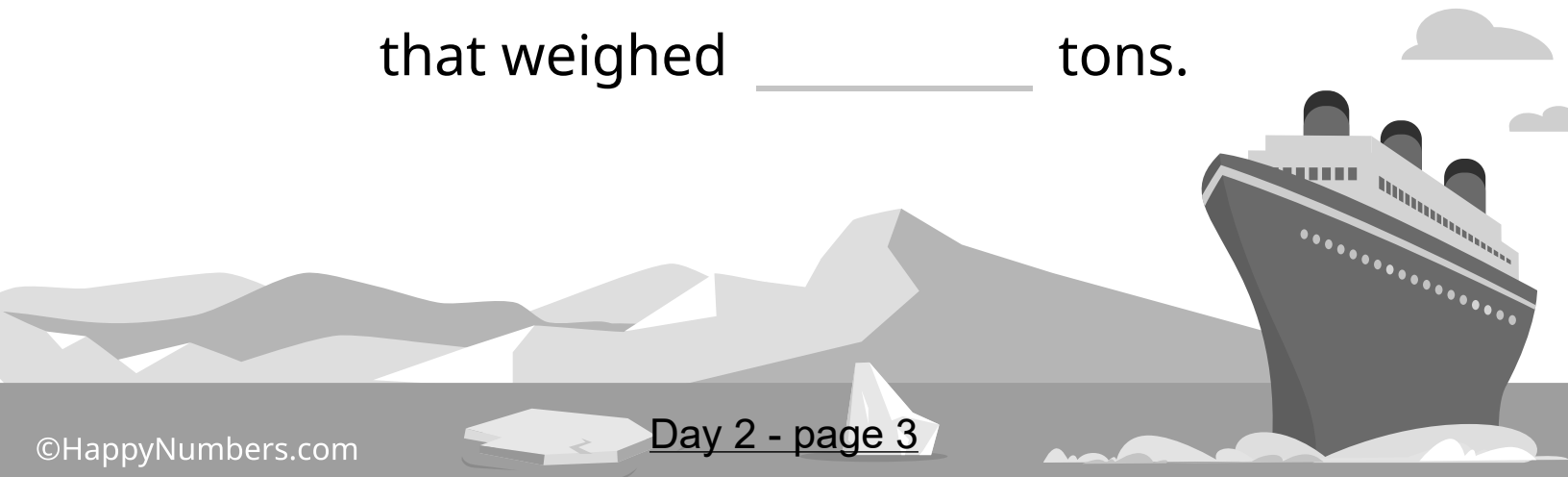
$7,924 \times 2 = \boxed{}$

$6,195 \times 4 = \boxed{}$

$3,051 \times 6 = \boxed{}$

16,625 24,780 18,306 15,252 54,918
21,831 6,628 15,848 70,744

The Titanic was a British passenger liner
that weighed _____ tons.





Partial Products (Page 2)



Multiply using the partial products method.

$$\begin{array}{r} \square\square\square\square \\ 2,375 \\ \times \quad 7 \\ \hline \square\square\square\square\square \\ \square\square\square\square\square \\ \square\square\square\square\square \\ + \square\square\square\square\square \\ \hline \square\square\square\square\square \end{array}$$

$$\begin{array}{r} \square\square\square\square \\ 8,843 \\ \times \quad 8 \\ \hline \square\square\square\square\square \\ \square\square\square\square\square \\ \square\square\square\square\square \\ + \square\square\square\square\square \\ \hline \square\square\square\square\square \end{array}$$

$$\begin{array}{r} \square\square\square\square \\ 5,084 \\ \times \quad 3 \\ \hline \square\square\square\square\square \\ \square\square\square\square\square \\ \square\square\square\square\square \\ + \square\square\square\square\square \\ \hline \square\square\square\square\square \end{array}$$

$$\begin{array}{r} \square\square\square\square \\ 6,195 \\ \times \quad 4 \\ \hline \square\square\square\square\square \\ \square\square\square\square\square \\ \square\square\square\square\square \\ + \square\square\square\square\square \\ \hline \square\square\square\square\square \end{array}$$

$$\begin{array}{r} \square\square\square\square \\ 1,657 \\ \times \quad 4 \\ \hline \square\square\square\square\square \\ \square\square\square\square\square \\ \square\square\square\square\square \\ + \square\square\square\square\square \\ \hline \square\square\square\square\square \end{array}$$

$$\begin{array}{r} \square\square\square\square \\ 6,102 \\ \times \quad 9 \\ \hline \square\square\square\square\square \\ \square\square\square\square\square \\ \square\square\square\square\square \\ + \square\square\square\square\square \\ \hline \square\square\square\square\square \end{array}$$

$$\begin{array}{r} \square\square\square\square \\ 7,924 \\ \times \quad 2 \\ \hline \square\square\square\square\square \\ \square\square\square\square\square \\ \square\square\square\square\square \\ + \square\square\square\square\square \\ \hline \square\square\square\square\square \end{array}$$

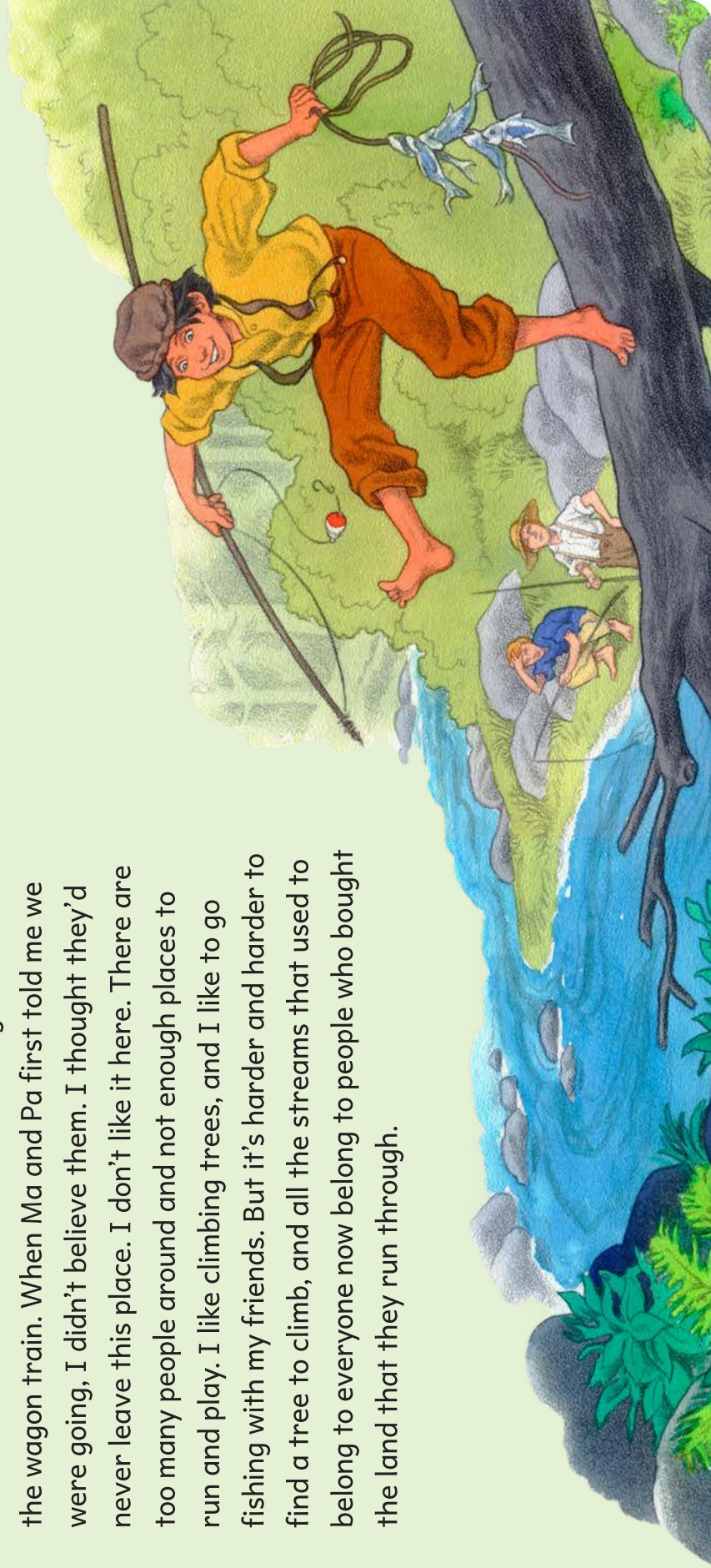
$$\begin{array}{r} \square\square\square\square \\ 3,051 \\ \times \quad 6 \\ \hline \square\square\square\square\square \\ \square\square\square\square\square \\ \square\square\square\square\square \\ + \square\square\square\square\square \\ \hline \square\square\square\square\square \end{array}$$

The Excited Child



My Ma keeps telling me, “Joe, sit down and be still,” but it’s not easy for someone like me who’s almost ten. I’m so excited about leaving tomorrow on the wagon train. When Ma and Pa first told me we were going, I didn’t believe them. I thought they’d never leave this place. I don’t like it here. There are too many people around and not enough places to run and play. I like climbing trees, and I like to go fishing with my friends. But it’s harder and harder to find a tree to climb, and all the streams that used to belong to everyone now belong to people who bought the land that they run through.

ut West, there’ll be room to run and trees to climb and streams to fish. I’ll miss my friends, though. I think some of them are a little jealous that I’m going, and they’re not. The other night I met a few other kids who are going on the trip—there’s at least one other boy my age and a few g irls, too. I heard there are more boys coming, but they weren’t there that night. I don’t understand how they could stay away because I sure couldn’t.



Did You Know?

The trip from Missouri to Oregon took six months. Now, you can drive it in twenty-nine hours (with no stops)!

t the meetin the own-ups got to pick who would become the Wagon Master. I wanted to vote, too, but no one would pay attention to what I thought.

I guess it doesn't really matter though, 'cause the man they picked, Mr. Richmond, seems like a pretty good choice. Ma's always telling me I have to grow up to be a responsible man like Pa and Mr. Richmond.

It sure seems like Mr. Richmond has got a lot of responsibility on this trip. Even so, he didn't seem to hesitate at all when they asked him to be the Wagon Master. He even hired an ex-buffalo soldier! His name is Augustus Bell, and he's the bravest man I ever met. He spent twenty years out West! I'm going to help them as much as I can. I'll need things to do because this trip is going to be very long. I hate being bored. I hope they'll let me help take care of the horses.

Mr. Richmond and Mr. Bell started talking about things that we should look out for along the way. Things like running into horse thieves and tribes that may not like us on their land. Mr. Richmond has hired a Shoshone man, Pinquana, to help us along the way

and make sure we don't offend. But I think everything will be exciting, even though I wouldn't want anything bad to happen. I don't think anything bad will happen, what with Mr. Richmond in charge and Mr. Bell protecting us.

When we get to the West, Ma and Pa are planning on starting up a ranch like the ones they lived on when they were kids. I guess they've missed ranching a lot. I'll get to help them on the ranch, which I'm really looking forward to. I've always wanted a horse of my own, but there isn't room for one here in Independence, Missouri. I don't think that will be a problem out West, from what I've heard!

It's going to be an adventure, this trip we're taking. I can't wait!



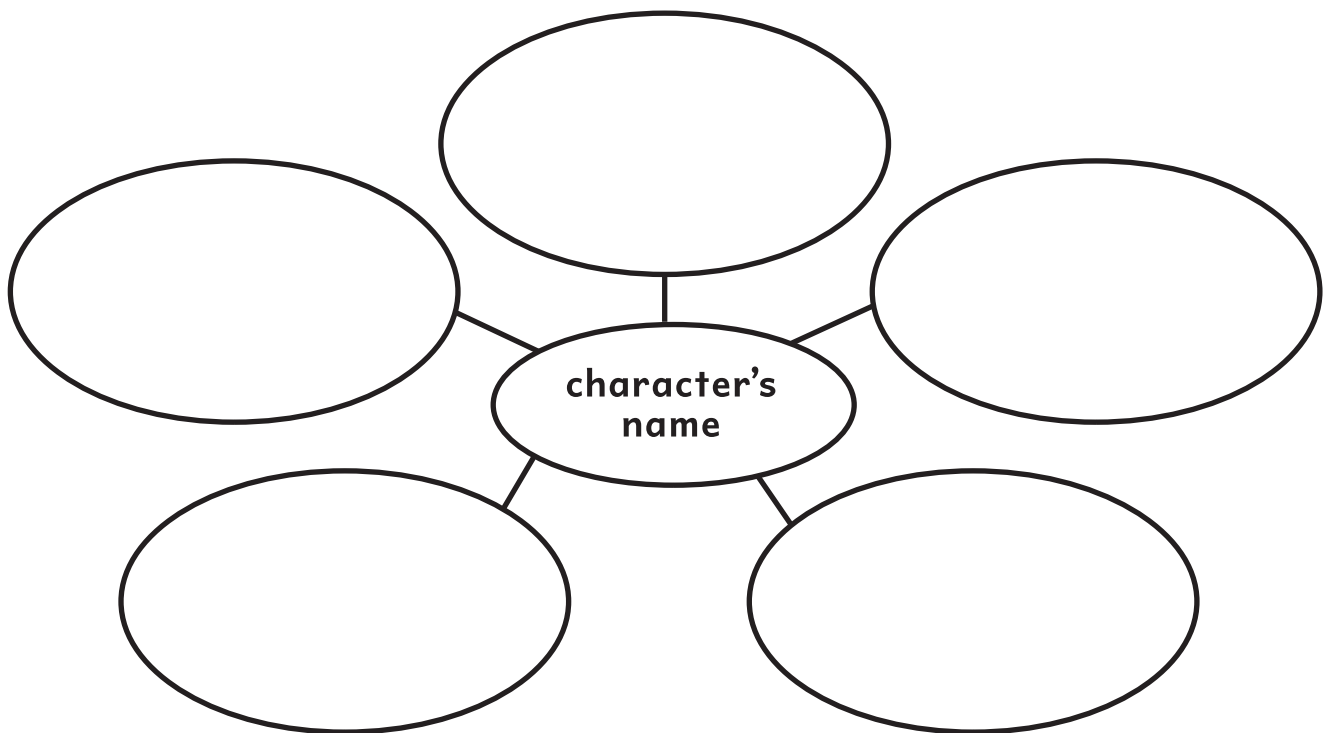
Name _____ Date _____

 Key Question

How does point of view affect how a story is told?

 On Your Own

1. Read the Key Question. Then read the story. Think about the character's point of view. Look for details that will help you answer the Key Question. Use a highlighter or pencil to mark words that either the main character uses in the stories written in the first person point of view, or words that the narrator uses in the stories written in the third person point of view to describe the character's feelings and opinions about going West.
2. Now look back at the story. Write the words you highlighted to fill in the Character Opinion Web below.



3. Think about the Key Question. Write your answer to the Key Question using the Character Opinion Web you made.

 My First Answer



Comprehension

Independent Practice Passage

Author's Point of View • Set 4

Graphic Organizer

Name _____

The Influence of the Magna Carta

The newly formed United States needed a government. The founding fathers were once subjects of the British Empire. They knew a lot about English law. They knew about the Magna Carta and its ideas for effective government.

The Magna Carta was an agreement between the English king and his subjects. The document established rules that applied to both the king and subjects. The U.S. Constitution is an agreement, too. It describes rules for all U.S. citizens. The Magna Carta divided power between the king and his subjects so one source did not have all the power. The U.S. government has three branches. No one branch holds all the power. Both documents protect the rights of the citizens.

The Magna Carta determined that the king needed the citizens' approval to make new laws. This is called a *representative government*. The United States is also a representative government. In the U.S. citizens vote to elect leaders who represent them in government.

The strong principles from the Magna Carta are found in the U.S. Constitution today.

Instructions: In the top box, use your own words to tell what you think the author's point of view is about the topic of the passage. In the bottom box, list clues from the passage that support your answer. Then, use the information in the graphic organizer to write a paragraph about the author's point of view on the back of this paper.

Point of View

Clues

Name _____ Date _____

Instructions: Draw lines to match the words on the right with their base word on the left. Then, use the words on the right in sentences of your own.

base words

inform
judge
support
judge
support
inform

related words

supporting
informative
judging
information
supportive
judgment

Here's an example.



1. I used the information on the website to write my paper.

2. _____

3. _____

4. _____

5. _____

6. _____

1. Underline the compound subject. Which verb is correct?

Jeremiah and Marquis _____ many things on their hike.

- a) observe b) observes c) observing

2. Circle the schwa sound in each word.

umbrella bottom animal festival

3. Fill in the blank with a preposition.

We walk _____ the pumpkin patch in search of the best pumpkin.

4. Fill in the blanks to complete both compound words.

There are no _____ bows to be seen in this over _____ sky.

5. Circle the mistakes. Then fix and rewrite the sentence.

Underline the compound word.

we bundles up for the foot ball game is about to begin

ame:

Date:

Quiz: What Are Some Plant Parts and How Do They Function?

Read each question. Circle the letter of the correct answer.

1. What is the purpose of stems in plants?
 - A. to allow the plant to absorb sunlight for making food
 - B. to allow fertilization of an egg so the plant can reproduce
 - C. to absorb nutrients and water from the environment like a sponge
 - D. to allow the movement of water, nutrients, and sugars across a distance
2. Which vegetable picture shows only the leaf structure?



A.



B.



C.



D.

3. A science classroom has a model of a bean plant. It shows the stem, some leaves, a bud, and a flower. What could be added to the model to help better display the parts of the plant?
 - A. beans
 - B. flowerpot
 - C. potting soil
 - D. watering can
4. Compare the human body to an oak tree. A human's skin is most like which part of an oak tree?
 - A. acorn
 - B. bark
 - C. leaf
 - D. root
5. Some trees make this kind of plant part.



Which statement tells what this plant part does?

- A. It takes in light.
- B. It takes in water.
- C. It makes the seeds.
- D. It makes the flowers.

ame: _____ Date: _____

Read each statement. Write your answer on the lines.

6. Plants have tubes inside of them.

Explain what these tubes are for.

Explain how they help the plants survive.

7. The dandelion is a plant that can grow almost anywhere. Dandelions form a ball of seeds as shown in the picture.

Explain the purpose of seeds.



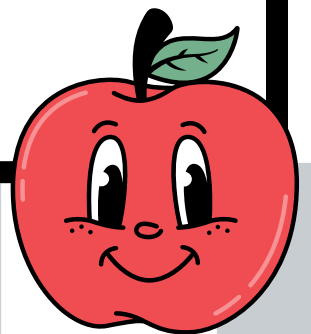
Describe how the shape of the seeds helps the dandelion plants survive.

By _____

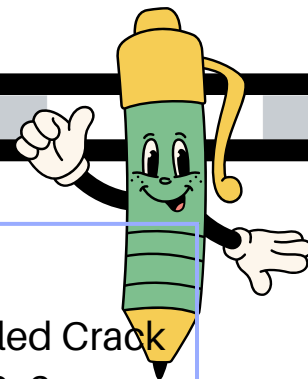
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DAY

3



AMI DAY #3



Math

Complete the worksheet titled Crack the Code. Solve the 2x2 multiplication problems to break the code.

ELA

Read *A Letter to the Future* and *Electric vs Gasoline Cars*. Complete the compare and contrast organizers about each passage.

Complete the worksheet on derivational suffixes and the daily language practice worksheet.

Science/ Social Studies

Complete the Mountaintop Fossil worksheet to show what you remember about weathering and erosion.

Write a diary entry as if you're a young person living in Plymouth Colony, 1620, and you wake up to tons of snow!



Crack the Code



Decode the numbers and solve the multiplication.



1



2



3



4



5



6



7



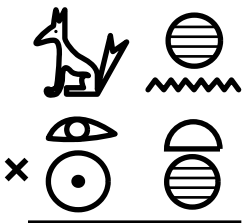
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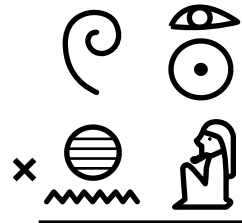
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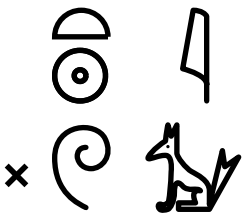
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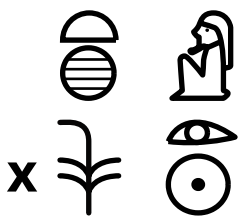
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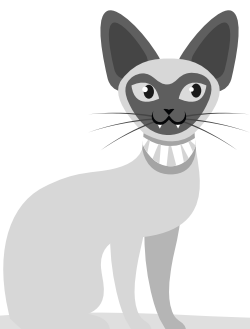
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A Letter to the Future



Letter from Mrs. Conner, teacher in 1917,
Thomasville, New York:

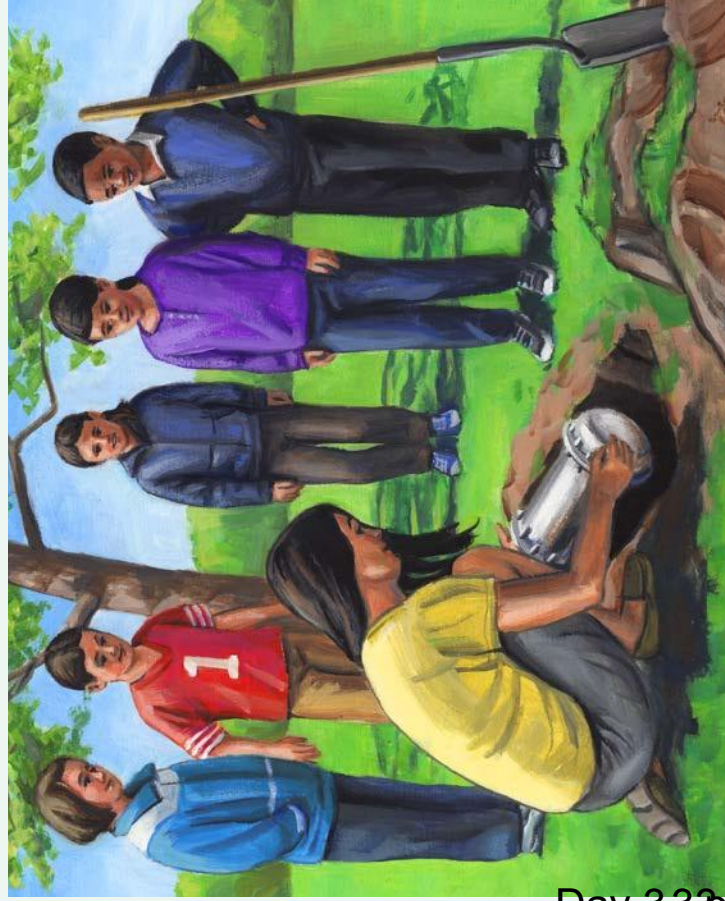
As I write this letter, our world is at war. My fourth-grade students and I hope for world peace when our time capsule is opened in one hundred years. My students carefully chose the items in this box to represent life in 1917. We hope you enjoy learning about our time.

Day 3 - page 4

917 Time Capsule Contents:

- *The New York Times*. The national newspaper has news of the Great War on the front page.
- *Grocery Store Receipt*. A dozen eggs cost \$0.39.
- *Desk Phone*. Businesses are now using telephones to communicate rather than only handwritten and typed letters.
- *Picture of class and list of names*. A photographer took this black-and-white picture of our class. We have seen color photographs in *National Geographic Magazine* . . . how exciting!
- *Bus Schedule*. Most people in the city take buses to get to and from school and work.



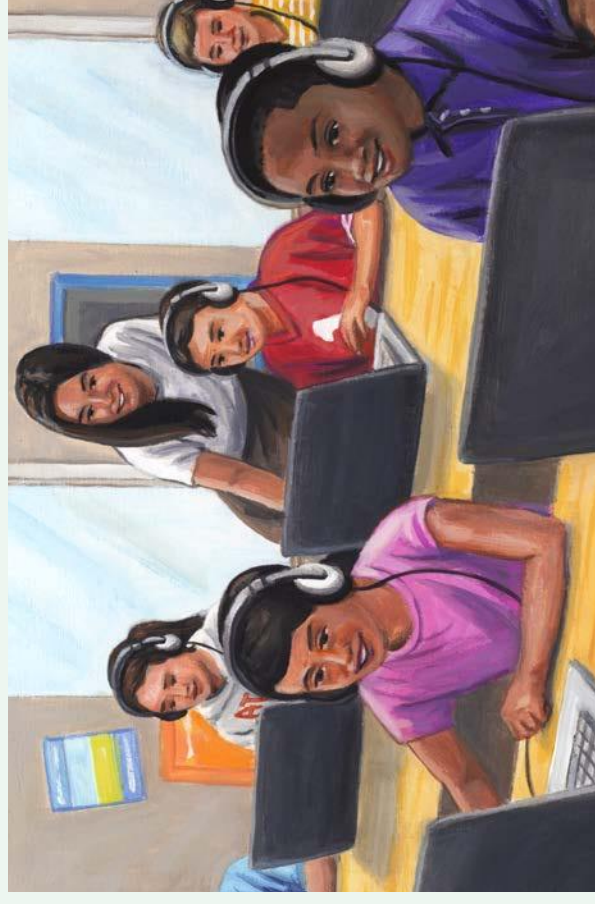


Letter from Mrs. St in, teacher in 2017, Valley Stream, Texas:

Greetings from the past! Our fourth-grade class enjoyed reading an article about the time capsule buried by Mrs. Conner and her class in 1917. The article included the original letter and pictures of the artifacts. We decided to make our own time capsule to be opened one hundred years from now—in 2117. My students chose each item carefully, just as the students in the class one hundred years ago did. We hope that you are reading this in a peaceful world.

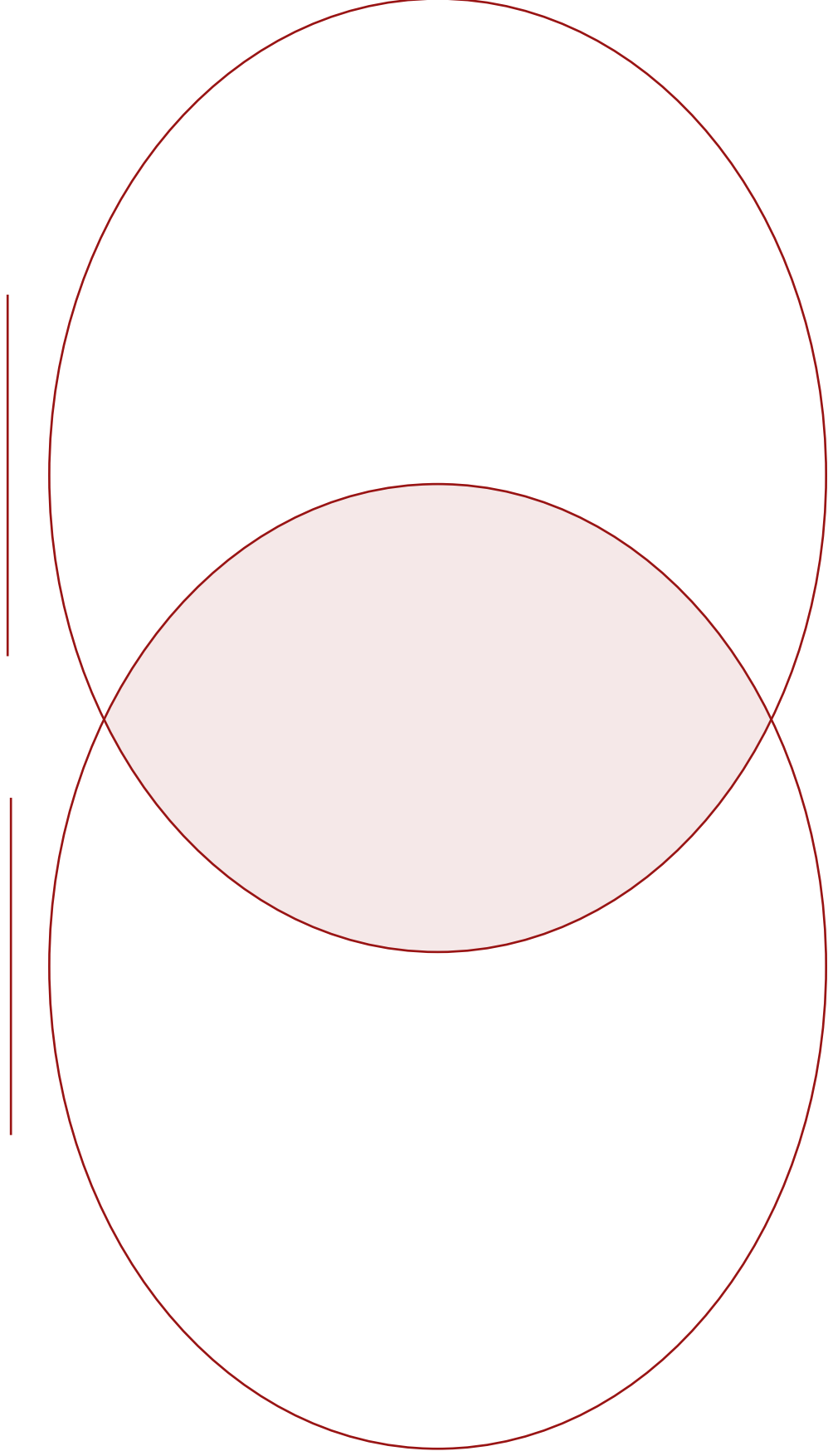
017 Time Capsule Contents:

- *The Valley Stream Star*. The front-page story is about our local rodeo.
- *Supermarket flyer*. A dozen eggs cost \$1.99.
- *Cell phone, charger, headphones*. Almost everyone has a cell phone in 2017 and can video chat with people across the world.
- *Flash drive*. Students put their homework, favorite music, and photos onto the drive. They use flash drives with their laptops daily.
- *Valley Stream High School Football Schedule*. Just about everyone in town comes to watch the home football games.





Name _____ Date _____





Name _____

Electric Cars Versus Gasoline Cars

Electric and gasoline cars are similar in many ways. People drive them on the same roads. Both types of cars carry passengers. Gasoline cars come in many different colors. Buyers of electric cars have their choice of colors, too.

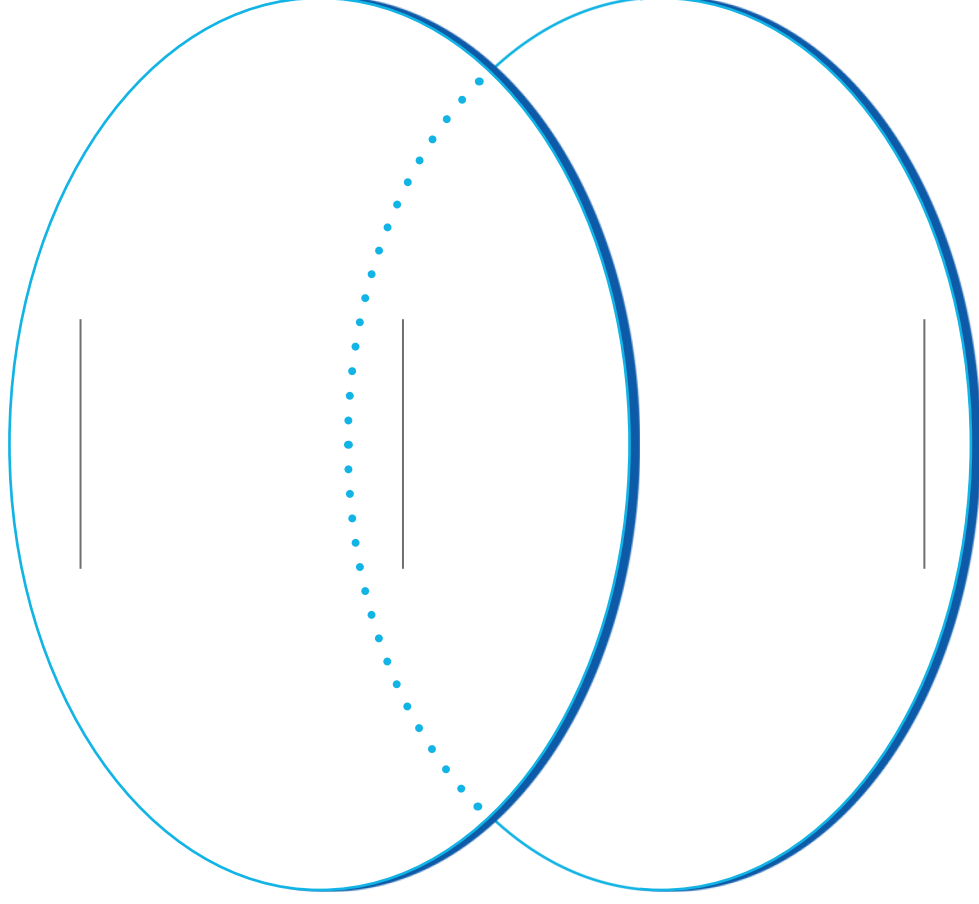
Both types of cars need fuel to run. People with gasoline cars get fuel at gas stations. Drivers of electric cars use a cord. They plug their cars into an outlet at a charging station.

Day 3 - page 7

Electric cars need to be recharged every two hundred miles, or even more often. This can take hours to do. Drivers of gasoline cars are used to driving three hundred miles or more before refueling. Filling up a gas tank takes only a few minutes.

Electric cars are quiet. They create less noise pollution than gasoline cars. Gasoline causes air pollution, which can harm the environment. Which type of car is better? People don't yet agree. But most agree that we need to find new ways to power all the vehicles on our nation's roads.

Instructions: Choose two types of vehicles, such as trains, buses, cars, or boats. Brainstorm how they are alike and different. Complete the graphic organizer with at least three similarities and three differences about the two vehicles. Then write one paragraph about the similarities and one paragraph about the differences.



Name _____ Date _____

Instructions: Add the suffixes -ion, -sion, -tion, or -ation to each word and write the new word on the line.

explode	inspect	examine	reflect
imagine	create	extend	correct
declare	react	donate	combine



I did the first one for you!

explosion



1. Fill in the blank with a subject that agrees.

_____ stroll down the tree-lined street that is covered with fallen autumn leaves.

2. Which letter has the schwa sound in the word *harmony*?

- a) a b) m c) o d) y

3. Circle the preposition and underline the prepositional phrase.

I race my brother and my cousins and jump over the finish line first.

4. Circle the compound words.

Have you played kickball or leapfrog before, or is this your first time?

5. Circle the mistakes. Then fix and rewrite the sentence.

we do not sees any inch worms in the backyard during this cool weather

Mountaintop Fossil

The Esposito family went hiking on a tall mountain. Mrs. Esposito picked up a shell fossil on the top of the mountain. The fossil was once a shelled organism that lived in the ocean. The family had different ideas about how the fossil ended up there. This is what they thought:



Mrs. Esposito: A bird picked up the organism and dropped the shell as it flew over the mountain.

Mr. Esposito: Water, ice, or wind eventually carried the fossil to the top of the mountain.

Rosa: A mountain formed in an area that was once covered by ocean.

Sofia: The fossil flowed out of a volcano that rose up from the ocean floor.

Whose idea do you most agree with and why? Describe your ideas about how a fossil could end up on the top of a tall mountain.

Diary of a Colonist

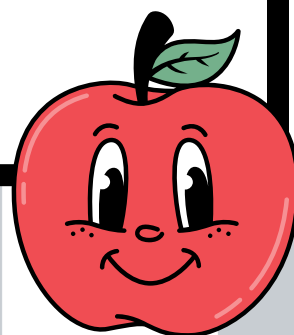
By _____

Plymouth Colony, 1620

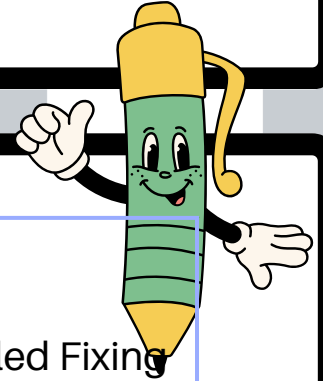
[illegible]

DAY

4



AMI DAY #4



Math

Complete the worksheet titled Fixing Errors. Solve the division problems to break the code.

ELA

Read *Corpse Flower* and *Kilauea's Comeback*. Complete the cause and effect organizers about each passage.

Complete the worksheet on doubling consonants and the daily language practice worksheet.

Science/ Social Studies

Complete the Beach Sand worksheet to show what you remember about weathering and erosion.

Write a diary entry as if you're a young person living in the New England colonies, and you wake up to tons of snow!



Fixing Errors



Steve made some mistakes on long division calculations.

Correct the mistakes.

From the correct remainders finish a fact about Venus.

$$\begin{array}{r} 24 \text{ R} 3 \\ 7 \overline{) 161} \\ \underline{-14} \\ 28 \\ \underline{-28} \\ 0 \end{array}$$

$$\begin{array}{r} 2 \quad 37 \text{ R} 4 \\ 5 \overline{) 159} \\ \underline{-12} \\ 39 \\ \underline{-35} \\ 4 \end{array}$$

$$\begin{array}{r} 46 \\ 3 \overline{) 135} \\ \underline{-12} \\ 18 \\ \underline{-18} \\ 0 \end{array}$$

$$\begin{array}{r} 3 \quad 45 \text{ R} 0 \\ 4 \overline{) 183} \\ \underline{-16} \\ 20 \\ \underline{-20} \\ 0 \end{array}$$

$$\begin{array}{r} 345 \\ 8 \overline{) 2760} \\ \underline{-23} \\ 46 \\ \underline{-40} \\ 60 \\ \underline{-40} \\ 0 \end{array}$$

$$\begin{array}{r} 152 \\ 9 \overline{) 1359} \\ \underline{-9} \\ 45 \\ \underline{-44} \\ 19 \\ \underline{-19} \\ 0 \end{array}$$

$$\begin{array}{r} 324 \\ 5 \overline{) 1675} \\ \underline{-15} \\ 17 \\ \underline{-15} \\ 20 \\ \underline{-20} \\ 0 \end{array}$$

$$\begin{array}{r} 251 \\ 4 \overline{) 1024} \\ \underline{-8} \\ 20 \\ \underline{-20} \\ 04 \\ \underline{-4} \\ 0 \end{array}$$

$$\begin{array}{r} 1 \quad 22 \text{ R} 4 \\ 9 \overline{) 200} \\ \underline{-18} \\ 20 \\ \underline{-16} \\ 4 \end{array}$$



On Venus, one day lasts _____ Earth days

1 2 3



CORPSE FLOWER

Ali and his big sister, Zara, hurried toward their mother's car and climbed in.

"It's Friday!" Ali said gleefully. "No school for two days!"

"I might as well have school," said Zara glumly. "I've got to finish my science project by Monday."

Mrs. Khan shook her head as Ali switched on the car radio.

A voice filled the car. "We're in for a beautiful weekend, so come visit the city's botanical garden! See the rare blooming of the titan arum, otherwise known as the corpse flower!"

"A corpse flower? That's gross!" said Ali. "Does it look like a dead body?"

"I don't know, but I'll find out soon," said Mrs. Khan. "I gave my art students an assignment to paint it before, during and after the one day it blooms. We're studying perspectives in nature."

"Can we see it this weekend, Mom?" Ali asked excitedly.

"We can go now," said Mrs. Khan. "The garden is on the way home."

Zara sighed. "I don't care about plants," she mumbled.



The garden was usually a quiet place, but today it was packed. Ali ran ahead of his mother and sister.

When he got to the corpse flower, he stared in dismay.

"It's just a big red flower," he said, sniffing the air. "A big, stinky red flower. Who cares?"

Mrs. Khan read from a sign nearby. "It's the smell that gives the plant its name." She wrinkled her nose. "But it's incredibly beautiful, don't you think? Look at the size and color. Its appearance makes up for the smell." She took photos with her cell phone.

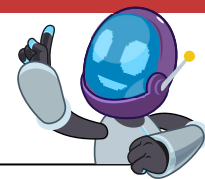
Zara brightened up. "It says here that the smell attracts pollinators. It only blooms once every five years. Wow, when it blooms again, I'll be in high school!" She reached in her backpack for a notepad and began scribbling. "I think I just found the perfect topic for my science project."

Titan Arum

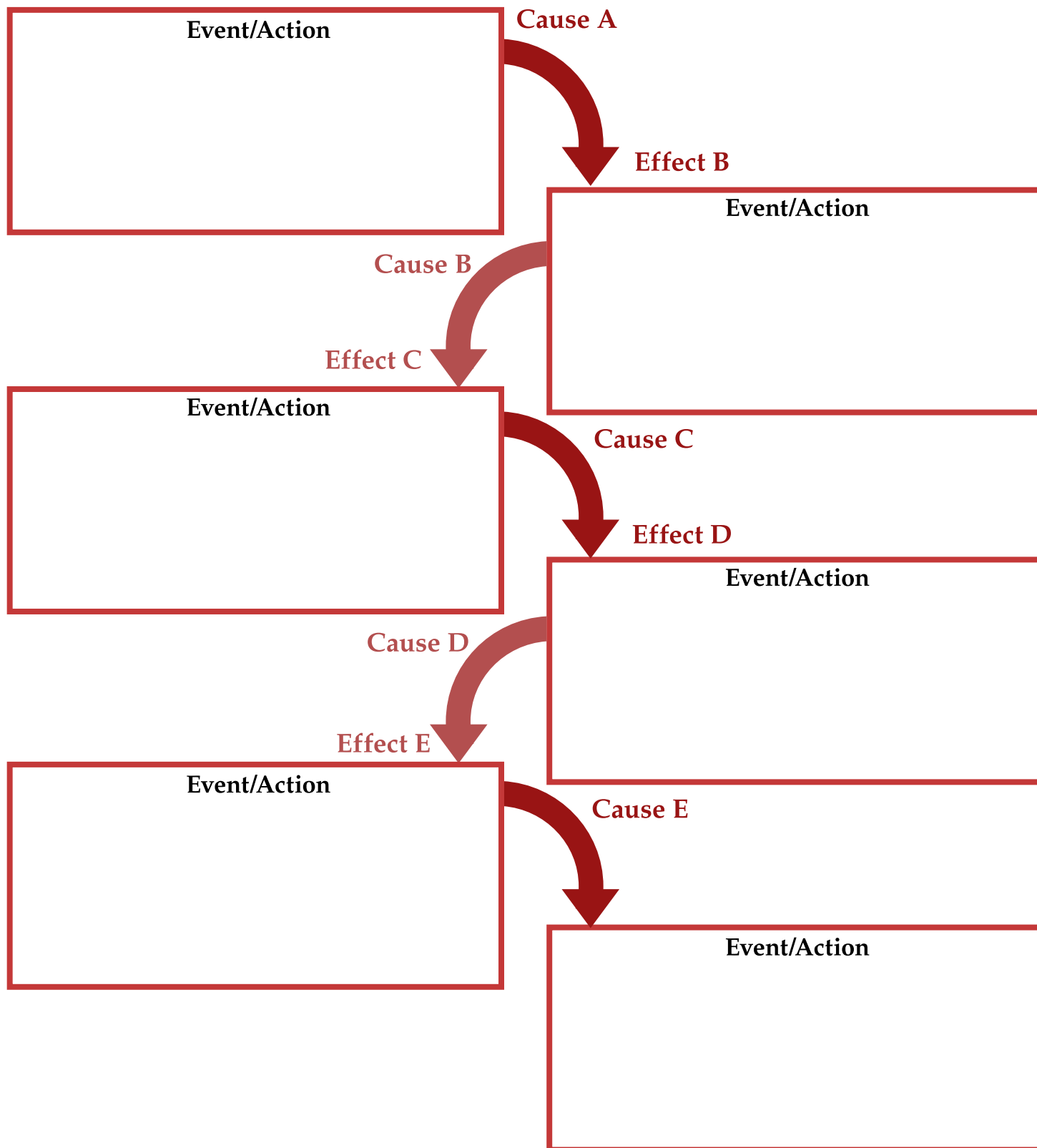
Also known as the corpse flower, the titan arum is one of the largest—and smelliest—flowers in the world. Despite the fact that it smells like stinky, rotting flesh, insects find it *delicious*!



Photo credit: Page 2: © Sven Hoppe/dpa/age fotostock



Name _____ Date _____





Comprehension

Independent Practice Passage

Graphic Organizer

Name _____

Kilauea's Comeback

A volcano is a mountain that forms over an opening in Earth's surface. It sits above a layer of magma, or hot, liquid rock, that's deep underground. Heat and pressure can build up in this underground layer. Sometimes, the pressure builds up enough to push the magma to the surface. As a result, magma erupts, or bursts out of the volcano as smoke, ash, and lava.

As lava explodes out of the volcano's top, it spills down the mountain. It is hot. It moves fast. This fiery liquid rolls down and over the surrounding land. It can destroy things in its path.

Eruptions aren't all destructive. They also change and add to the Earth's form. Hawaii's Kilauea volcano has been erupting since 1983. Lava from the volcano pours into the nearby ocean, cooling it to become as solid as a rock. Over time, this solid lava builds up and adds to the land around it. That's how the Hawaiian Islands formed long ago. It takes millions of years for volcanoes to reshape land this way.

Instructions: Fill in the graphic organizer with a cause-and-effect chain from each paragraph of the passage. On the back of this paper, use the cause-and-effect chains to summarize the passage in your own words.

Cause	Effect/Cause	Effect

Name _____ Date _____

Instructions: Read the words. Then add the affix -ing to each word and write the new words on the lines.

rebel	forget	~~unwrap~~
submit	hiccup	outrun
forbid	preplan	

I did the first one for you!



① unwrapping _____ ② _____

③ _____ ④ _____

⑤ _____ ⑥ _____

⑦ _____ ⑧ _____

1. Write a sentence with a compound subject and a verb that agrees.

2. Fill in the blank with a word that has the schwa sound.

I try on my new _____ for soccer.

a) cleats b) hat c) socks d) uniform

3. Circle the preposition and underline the prepositional phrase.

I find my cleats under the couch.

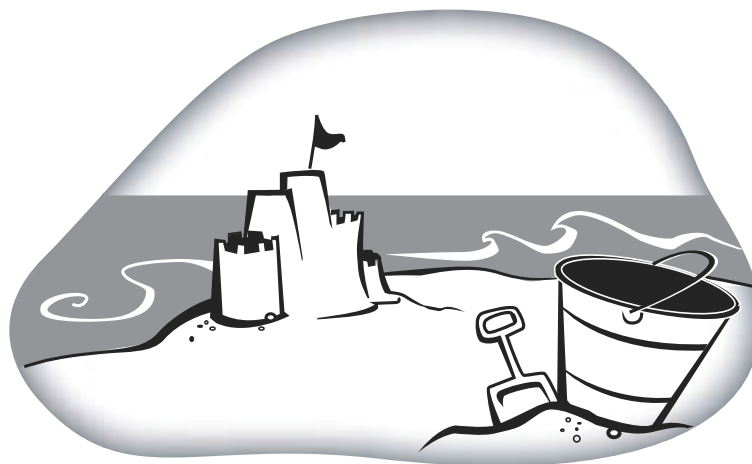
4. Draw a line between the two words that make up each compound word.

lighthouse upstream supernatural headquarters

5. Circle the mistakes. Then fix and rewrite the sentence.

wanders I by the lake foggy on my way home

Beach Sand



Three friends were walking along a beach in New England. They looked closely at the sand and noticed it was made up of tiny particles of rock. They had different ideas about where the sand came from.

Molly: "I think the sand came from distant mountains and landforms."

Fidel: "I think the sand came from rocks on the ocean floor."

Lynn: "I think the sand came from undersea mountains and sea floor formations."

Which friend do you agree with and why? Explain your thinking about how the sand formed *and* ended up on the beach.

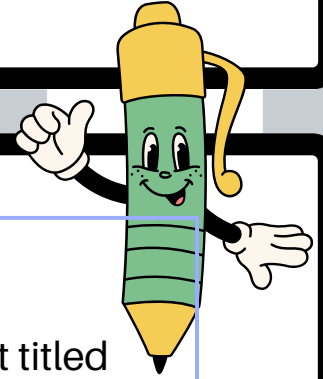
By _____

[illegible]

DAY

5

AMI DAY #5



Math

Complete the worksheet titled Space Division. Solve the division problems to break the code.

ELA

Read *Seeing Stars* and *Full of Life*. Complete the graphic organizers for each passage.

Complete the worksheet on homophones and the daily language practice worksheet.

Science/ Social Studies

Complete the Desert Canyon worksheet to show what you remember about weathering and erosion.

Write a diary entry as if you're a young person living in the Southern colonies, and you wake up to tons of snow!



Space Division (Page 1)



Something exploded in the chemical lab, and acid drops erased some numbers in the column division. Solve the division to complete the sentences.

$$\begin{array}{r} 91\Box R\Box^A \\ 7\overline{)6432} \\ - \end{array}$$

$$\begin{array}{r} \Box\Box4 R\Box \\ 6\overline{)12\Box\Box^H} \\ - \end{array}$$

$$\begin{array}{r} 4\Box6 R\Box \\ 8\overline{)396\Box} \\ - 3\Box^G \end{array}$$

$$\begin{array}{r} \Box3 \\ - \Box7 \end{array}$$

$$\begin{array}{r} \Box\Box \\ - 7\Box^L \end{array}$$

$$\begin{array}{r} 62 \\ - \Box\Box \\ \hline 6 \end{array}$$

$$\begin{array}{r} 25 \\ - 24 \\ \hline \Box \end{array}$$

On Mercury, one year lasts _____

Earth days.

D E

On Mars, one year lasts _____

Earth days.

A B C



Space Division (Page 2)



Something exploded in the chemical lab, and acid drops erased some numbers in the column division. Solve the division to complete the sentences.

3 5 R

$$\begin{array}{r} 9 \overline{) 1222} \\ \underline{9} \\ 3 \text{F} \\ \underline{3} \\ 0 \end{array}$$

2 R

$$\begin{array}{r} 9 \overline{) 31} \text{E} \\ \underline{9} \\ 0 \end{array}$$

2 R

$$\begin{array}{r} 4 \overline{) 291} \text{C} \\ \underline{4} \\ 0 \end{array}$$

1 8

$$\begin{array}{r} 3 \overline{) 18} \\ \underline{3} \\ 0 \end{array}$$

2 R

$$\begin{array}{r} 9 \overline{) 31} \text{E} \\ \underline{9} \\ 0 \end{array}$$

2 R

$$\begin{array}{r} 4 \overline{) 291} \text{C} \\ \underline{4} \\ 0 \end{array}$$

5

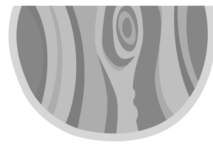
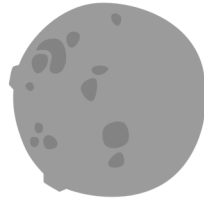
$$\begin{array}{r} 5 \overline{) 5} \text{I} \\ \underline{5} \\ 0 \end{array}$$

3 5

$$\begin{array}{r} 3 \overline{) 5} \\ \underline{3} \\ 0 \end{array}$$

3 7

$$\begin{array}{r} 3 \overline{) 7} \text{K} \\ \underline{3} \\ 0 \end{array}$$



On Venus, one year lasts Earth days. On Jupiter, one year lasts Earth days.

F G H

I J K L

Seeing Stars

CLOSE
READ
PASSAGES



Carlos had been laying street pickup games with the neighborhood kids for years. Street hockey is different from ice hockey, though. Until now, Carlos had only been an ice hockey fan. However, it was his dream to become a professional ice hockey player. It was time to take the first step.

Day 5 - page 5

Carlos decided to start by trying out for his town's ice-skating team. At the community center, Carlos strapped on the rental ice skates. He was surprised that they felt so heavy. Carlos glided awkwardly on the ice for a few seconds. Then he lost his footing and fell flat on his face. As Carlos scrambled to get up, he hoped nobody had noticed. Just as he finally regained his balance, he slipped again. His face burned in humiliation as skaters whizzed by.

The coach skated up beside him and reached out a hand. "Is this your first time ice-skating?" she asked gently. Carlos nodded. "Why don't you take a beginners' ice-skating class this season?" the coach suggested. She helped Carlos up. His face felt sore, and his feet felt as though they were swelling inside his skates.



Carlos signed up for the class, but it was just another disaster. Other than Carlos, the oldest kid in the rink was seven.

Sprawled on the ice for what felt like the hundredth time, Carlos thought he saw stars dancing above his head. His frustration grew as he watched the little kids skate circles around him. Sure, he had expected to fall down a few times, but this was embarrassing. On top of everything, his body ached. Skating was a lot harder than he had thought. *I could be home watching a hockey game,* he reminded himself. If he wanted to improve, Carlos knew it would take a lot more work than he had been putting in. At that moment, Carlos pictured his favorite player scoring a game-winning goal just as the buzzer went off. Then Carlos stood up.

Name: _____ Date: _____

Self Talk: _____



Character and Point of View 	
Setting: (hint) 	
Problem/Purpose: 	
Action: (details) main events 	1. _____ 2. _____ 3. _____ 4. _____
Conclusion: 	
Emotion:  characters response or lesson/theme	



Name _____

Full of Life

There are a total of nineteen islands in the Galapagos Islands. They are located in the Pacific Ocean, about 1,000 kilometers (600 mi.) west of Ecuador. The Galapagos are rocky and dry. This creates a harsh environment, or surrounding. Still, the islands support life. Thousands of different kinds of animals live here. In fact, some of these animals aren't found anywhere else on Earth!

Every animal on the Galapagos has adapted to its special environment. For example, the marine iguana dives into the water to get food. It's the only type of lizard that does this. The cormorant is a bird that can't fly. However, it has webbed feet and its small wings act like flippers so it can "swim" under water for food.

There are many other kinds of birds on the islands. Penguins and finches are the most common. The islands are home to thirteen types of finches. Each type has a different food source. This allows all finches to eat without having to compete with each other for food.

Instructions: Find clues in the text that tell about the main ideas of the passage. Complete the chart by finding three main ideas. Write the clues from the passage that support the main ideas you find. Then, write two paragraphs on the back of this paper about the main idea of the entire passage. Use examples from the text to support your conclusion.

Main Idea	Details
Main Idea	Details
Main Idea	Details



Name _____ Date _____

Instructions: Choose the correct homophone to complete each sentence. Write the word in the blank. Look for a word in the sentence that contains the root *viv*, *vit*, or *rect*. Circle the word.

- ① I gave a _____ to the girl when I told her that I liked her vivid sweater.
(compliment/complement)
- ② That hole is shaped like a rectangle and does not _____ a circular plug.
(accept/except)
- ③ He is always full of vitality, _____ when he has a headache.
(accept/except)
- ④ The experts will _____ us about the best way to survive a tornado.
(advice/advise)
- ⑤ We watched the bear's direct _____ to the top of the tree.
(ascent/assent)

1. Circle the mistake. Then fix and rewrite the sentence.

Aaliyah pack her backpack for the first day of school.

2. Write two words that contain the schwa sound.

3. Choose the best prepositional phrase for the sentence.

I walk _____ before I go to my new one.

- a) between the bike racks
- b) by my old classroom

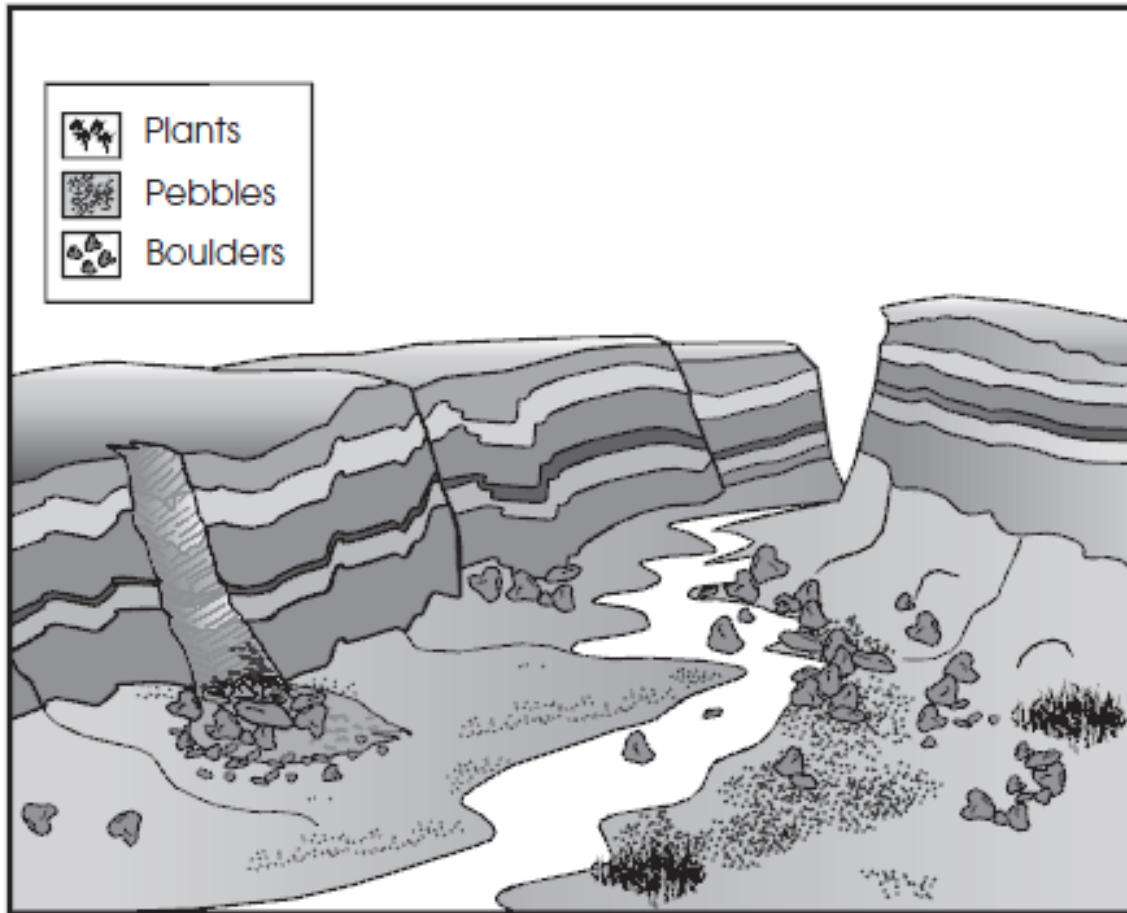
4. Which of the following is a compound word?

- a) stormy
- b) competition
- c) footwear

5. Circle the mistakes. Then fix and rewrite the sentence.

we sit the around fire pit and roasts marshmallows

Desert Canyon



6. The picture shows a stream flowing through a desert canyon. The canyon was shaped by natural processes.

Below, **identify a slow process** that could have helped shape the canyon. **Describe evidence** of this process shown in the picture.

Then, **identify a rapid process** that could have helped shape the canyon. **Describe evidence** of this process shown in the picture. (4 points)

Diary of a Colonist

By _____

Southern Colonies

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

