

Name \_\_\_\_\_ Due Date \_\_\_\_\_

# Reading Classwork

## Erupting volcanoes

### Fluency: Repeated Reading

Read the text aloud on 3 different days to a family member and have them initial:

Reading #	Date	Parent/Guardian Initials and/or comments
1		
2		
3		

### W I D E Reading Choices

Complete at least **three** tasks from the chart below. ***\*Star the ones you completed.***

Read 20 minutes in your independent reading book	Read a magazine or newspaper	Read a nonfiction book for 20 minutes
Read a book aloud to a younger child	Write a <b>creative story</b> that features a <b>volcanic eruption</b> .	Read 20 minutes in your independent reading book
Learn more about the <b>Mauna Loa</b> . Write 3+ facts that you learned.	Read 20 minutes in your independent reading book	Your own idea: Ask about your own topic!

### Comprehension Check

Complete the multiple-choice questions & write your "Get The Gist" statements.

### Vocabulary Skill: Their, There and They're { L.1g }

Complete the attached worksheet on, "Frequently Confused Words."

Name \_\_\_\_\_ Due Date \_\_\_\_\_

Lexile = 950

# Erupting volcanoes

**¶1** Volcanoes are marvelous manifestations of the fiery power contained deep within the Earth. These formations are essentially vents on the Earth's surface where molten rock, debris, and gases from the planet's interior are emitted.

**¶2** **What is a volcano?**

A volcano is a mountain that opens downward to a pool of molten rock below the surface of the earth. When pressure builds up, eruptions occur. Gases and rock shoot up through the opening and spill over or fill the air with lava fragments. Eruptions can cause lateral blasts, lava flows, hot ash flows, mudslides, avalanches, falling ash and floods. Volcanic eruptions have been known to knock down entire forests. An erupting volcano can trigger tsunamis, flash floods, earthquakes, mudflows and rockfalls.



**¶3** **How are volcanoes formed?**

Volcanoes are formed when magma from within the Earth's upper mantle works its way to the surface. At the surface, it erupts to form lava flows and ash deposits. Over time as the volcano continues to erupt, it will get bigger and bigger since the lava cools and hardens into land. This process is how the islands of Hawaii formed from underwater volcanoes!

**¶4** **What are the different stages of volcanoes?**

Scientists have categorized volcanoes into three main categories: active, dormant, and extinct. An active volcano is one which has recently erupted and there is a possibility that it may erupt soon. A dormant volcano is one which has not erupted in a long time but there is a possibility it can erupt in the future, thus it's the sleeping volcano. An extinct volcano is one which has erupted thousands of years ago and there's no possibility of eruption.

**¶5** **Why do volcanoes erupt?**

The Earth's crust is made up of huge slabs called plates, which fit together like a jigsaw puzzle. These plates sometimes move. The friction causes earthquakes and volcanic eruptions near the edges of the plates. The theory that explains this process is called plate tectonics.

**¶6** **How many volcanoes are there?**

There are more than 1500 active volcanoes on the Earth. We currently know of 80 or more which are under the oceans. Active volcanoes in the U.S. are found mainly in Hawaii, Alaska, California, Oregon and Washington.

**¶7** **What is the largest active volcano?**

The world's largest, active volcano is Mauna Loa in Hawaii, where famous coffee is grown in the rich volcanic soils. Mauna Loa is 13,677 feet above sea level. From its base below sea level to its summit, Mauna Loa is taller than Mount Everest. It last erupted in 1984.

Name \_\_\_\_\_ Due Date \_\_\_\_\_

## Comprehension Questions: erupting volcanoes

1. **Based on the article, how do volcanoes form?**
  - a. Magma from the upper mantle works its way up to the surface of Earth's crust.
  - b. Lava cools to create a mountain with a downward opening.
  - c. Pressure builds up from within the pool of molten rock and then finally explodes.
  - d. The movement of Earth's tectonic plates.
2. **Which of these will most likely not be found within a volcano?**
  - a. debris
  - b. molten rock
  - c. gases
  - d. water
3. **Scientists have classified volcanoes into these three main categories:**
  - a. Cone, shield, and mound
  - b. Active, dormant, and extinct
  - c. Underwater, land, and underground
  - d. Ancient, Triassic, and millennial
4. **What causes volcanoes to erupt?**
  - a. earthquakes
  - b. the mood and stress level of the Earth
  - c. solar storms
  - d. pressure building up inside the volcano
5. **How is an extinct volcano different from a dormant volcano?**
  - a. Extinct volcanoes haven't erupted in thousands of years but still may erupt soon.
  - b. Dormant volcanoes have the chance of erupting again but the extinct do not.
  - c. Extinct volcanoes have erupted in the last 5 years but will never erupt again.
  - d. Active volcanoes are used to describe volcanoes that have recently erupted.

### **GET THE GIST! (Write a complete sentence in response to the prompts.)**

Prompt	Response	Evidence (¶#)
What is a volcano?		
What are some events that a volcano may cause?		
Explain how volcanoes grow bigger over time...		
Which type of volcano is "sleeping"?		
Where can you find active U.S. volcanoes?		
<b>CHALLENGE!</b> {Write your own question & answer for this week's text}		

Name \_\_\_\_\_


Due Date \_\_\_\_\_

Aligns to:

L.1g

# Vocabulary Skill: Their, There and They're

**Frequently confused words** often lead writers to make spelling mistakes. When you learn **the tricks** to remember how to spell these similar sounding words, it makes it easier. Review the chart below before completing the activity.

<p><b>their</b></p> <p>used to show ownership of something to someone <b>(the only form with i inside to show it might belong to you)</b></p> <p>Example: <b>Their</b> backpack got wet because my water bottle leaked.</p> 	<p><b>there</b></p> <p>used to show a distant location <b>(the only form with here inside to show it refers to a location)</b></p> <p>Example: Put my backpack on top of the blue chair over <b>there!</b></p>	<p><b>they're</b></p> <p>a contraction for they are <b>(the only form with an apostrophe: they + are)</b></p> <p>Example: <b>They're</b> really forgetful, the Lopez twins never remember to bring a backpack to school.</p>
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**DIRECTIONS: #1-6** Read the sentences from the passage below to determine which form of the word correctly fills in the blank. Write the correct form in the right column.

Practice with these Sentences ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆	Which form? <i>their</i> <i>there</i> <i>they're</i>
1. If you travel to Flagstaff, you might see Mount Humphrey's Peak(a dormant volcano) over _____, the highest elevation in Arizona.	
2. My cousins enjoy going to Starbucks before school starts. _____ favorite order is the Cookies n Cream Frappuccino.	
3. Don't forget, _____ will be free chips and guacamole at Rubio's on National Avocado Day, July 31 <sup>st</sup> !	
4. My parents get heated about football. _____ favorite teams are huge rivals: the Dallas Cowboys and the New York Giants.	
5. I haven't seen my neighbors leave home at all today. It's because _____ busily packing for a camping trip to Lake Tahoe.	
6. The principal was not worried about the fourth graders. Every time she visits _____ rooms, _____ always working hard.	<p>_____ <b>and</b> _____</p>

**-CHALLENGE-**  
Write your own  
fill-in-the-blank:

Integrated Spelling and Vocabulary  
 Week Thirty Three Rule: Greek and Latin Roots: biblio,  
 graph, grad, gress

1. bibliography
2. bibliomania
3. graph
4. topography
5. calligraphy
6. biography
7. autobiography
8. photograph

9. photography
10. autograph
11. gradual
12. graduate
13. upgrade
14. degrade
15. digress
16. progress

Name 3 More
words using
graph
_____
_____
_____
Name 3 More
Words using
gress
_____
_____
_____

biblio- book  
 graph- write  
 grad- step  
 gress- step

Hint: If you recognize the part, you'll understand the whole. Learn Greek and Latin roots to help you to understand many word meanings.

Vocabulary

1. **oblige-** v. to be kindly accommodating
2. **Bible-** n. the collection of sacred writings from the Christian religion
3. **bibliography-** n. a list of books or other material on a subject
4. **progress-** n. a movement toward a goal or higher stage
5. **gradual-** adj. occurring, developing, or moving in small stages
6. **congress-** n. a national legislative assembly; a meeting or conference
7. **photograph-** n. an image of an object, person, or scene in the format of a print or slide recorded by a camera
8. **graduate-** v. to receive a degree or diploma
9. **blunder-** n. a careless mistake
10. **lurk-** v. to move stealthily or be concealed

Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Context Clues

Directions: Use the context clues in the sentence to choose the correct vocabulary word to complete the sentence.

1. I read my \_\_\_\_\_ before going to church last Sunday morning.
2. Micah took a \_\_\_\_\_ of his family in front of the ocean while they were on vacation.
3. The members of \_\_\_\_\_ met to discuss the current bill at the Georgia State Capitol Building.
4. Brady kindly \_\_\_\_\_ when his dad asked him to take out the trash.
5. Mya chose a book about whales from the \_\_\_\_\_ that Mrs. Gravette had given her.
6. The dragon would \_\_\_\_\_ outside the castle walls, which made the people terrified to enter or exit.
7. The players made a \_\_\_\_\_ and lost the ball to the other team.
8. John had finally worked hard and was going to \_\_\_\_\_ from high school next weekend.
9. The baby had made so much \_\_\_\_\_. He could now crawl and walk.
10. We noticed a \_\_\_\_\_ change in temperature. We came to the game without a coat, but by the end, we needed a jacket to stay warm.

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Read the vocabulary story below. Complete the activities after reading the story.

Ray was indignant. He couldn't believe that he had made such a blunder. His teacher had warned him and warned him that he needed to study all year in order to pass the class. Well, he did not heed her advice. Ray made significant progress toward the end of the course, but because he tried to work hard at the very end instead of gradual, it had caught up with him. Now he had to take a summer course in order to graduate this year. He was so upset because all of his friends would be relaxing and preparing to leave for college, and he would be stuck taking a course. He had to be thankful for this opportunity and he obliged when his teacher asked him to take this course so that he could graduate with his friends. His teacher worked hard to give him this opportunity and had to congress multiple times with the principal and the school board. But now he just lurked outside the front of the school, reluctant to walk into the classroom. He had read the bibliography which had a list of books that he could choose to read for the course that he was taking. He thought it was strange that the Bible was on the list for a summer literature course, but knew he couldn't choose that because of the length. "Well, he said to himself. I guess it's time to go inside and get this over with." Just then, one of his good friends Trevor came up behind him. "Hey man, what's up?" "I just have to take this summer class," Ray responded. "Hey, me too! Let's go in together." Although this would not be the most exciting thing to do, it would be a little more fun now that Trevor was in the course, too. "Every cloud has a silver lining," Ray thought to himself. Now, he couldn't wait to take his photograph for his graduation!

Activities:

1. Circle all of the vocabulary words.
2. What does the root graph mean? Name a vocabulary word with this root. How does understanding the meaning help understand the meaning of the word?
3. What is a synonym for the word blunder?
4. What does the word lurk mean?
5. What is meant by the proverb above, "Every cloud has a silver lining." How does this story help you to understand the meaning?
6. Divide gradual into syllables.

Name: \_\_\_\_\_

Date: \_\_\_\_\_

### Spelling/Vocabulary Assessment

Circle the words that are spelled correctly.

- |                  |               |               |               |
|------------------|---------------|---------------|---------------|
| 1. bibliography  | bibliografy   | biblioagrophy | bibliography  |
| 2. photogrophy   | fotography    | photografy    | photography   |
| 3. upgrae        | upgrade       | upgrode       | upgride       |
| 4. digres        | digresh       | digress       | digrass       |
| 5. autobiography | autobigrrophy | autobiagrophy | autobiography |
| 6. biagraphy     | biografy      | biogrophy     | biography     |
| 7. gradul        | grodual       | gradual       | graduual      |
| 8. topografy     | topograpy     | topography    | topagraphy    |

Circle the misspelled word in the sentences below. Spell it correctly.

1. Colton had worked hard all year and would now be able to gradute with his friends. \_\_\_\_\_
2. We used a calligrafy pen to address the invitations for our wedding.  
\_\_\_\_\_
3. My family and I all took a fotograf together when we were at the beach.  
\_\_\_\_\_
4. I waited in line after the football game to get an autograph from Tom Brady.  
\_\_\_\_\_
5. I was so proud of the progres Colt made from the beginning of the year to the end of the year. \_\_\_\_\_



Name: \_\_\_\_\_

Date: \_\_\_\_\_

Circle the meaning of the correct figurative language in the sentences below.

1. Janie, Lisa, and Sarah love to read books and go to the movies. You can , say that **birds of a feather flock together**.
  - a. Birds always fly together.
  - b. People that like the same thing, will associate.
  - c. Girls always love birds and their feathers.
  
2. Lacy **sang her heart out at her performance**. She had never sounded so beautiful.
  - a. Lacy sang very nicely.
  - b. Lacy took her heart out.
  - c. Lacy was very nervous
  
3. Chipper **stood like a statue** as they played hide and go seek so nobody would find him.
  - a. Chipper was a statue.
  - b. Chipper didn't want to be found.
  - c. Chipper stood very still.
  
4. **Coach Willis was a general** during practice. Everyone always worked very hard.
  - a. Coach Willis was a general.
  - b. Coach Willis was very strict.
  - c. Coach Willis worked very hard.

Word Bank

Bible, blunder, lurk, oblige, photograph, gradual, progress, bibliography, congress, graduate

Write the vocabulary word that means...

1. a list of books or other material on a subject \_\_\_\_\_
2. an image of an object, person, or scene on a slide from a camera  
\_\_\_\_\_
3. a careless mistake \_\_\_\_\_
4. occurring, developing, or moving in small steps  
\_\_\_\_\_
5. to be kindly accommodating \_\_\_\_\_
6. a movement toward a goal or higher stage  
\_\_\_\_\_
7. to receive a degree or diploma \_\_\_\_\_
8. the collection of sacred writings from the Christian religion  
\_\_\_\_\_
9. to move stealthily, or be concealed \_\_\_\_\_
10. a national legislative assembly; a meeting or conference  
\_\_\_\_\_

Name: \_\_\_\_\_ Date: \_\_\_\_\_

### Spelling/Vocabulary Assessment

**Circle the words that are spelled correctly.**

1. bibliography      bibliografy      biblioagrophy      bibliography
2. digres              digresh              digress              digrass
3. autobiography    autobigraphy      autobiagraphy    autobiography
4. biagraphy        biografy            biogrophy        biography
5. gradul            grodual            gradual            graduual

**Circle the misspelled word in the sentences below. Spell it correctly.**

6. Colton had worked hard all year and would now be able to gradute with his friends.  
\_\_\_\_\_
7. My family and I all took a photograf together when we were at the beach.  
\_\_\_\_\_
8. I was so proud of the progres Colt made from the beginning of the year to the end of the year. \_\_\_\_\_

**Circle the meaning of the correct figurative language in the sentences below.**

9. Janie, Lisa, and Sarah love to read books and go to the movies. You can say that **birds of a feather flock together**.  
a. Birds always fly together.      b. People that like the same thing, will associate.  
c. Girls always love birds and their feathers.
10. Lacy **sang her heart out at her performance**. She had never sounded so beautiful.  
a. Lacy sang very nicely.      b. Lacy took her heart out.      c. Lacy was very nervous

Word Bank

Bible, photograph, gradual, progress, bibliography, graduate

**Write the vocabulary word that means...**

1. a list of books or other material on a subject \_\_\_\_\_
2. an image of an object, person, or scene on a slide from a camera  
\_\_\_\_\_
3. occurring, developing, or moving in small steps \_\_\_\_\_
4. a movement toward a goal or higher stage \_\_\_\_\_
5. to receive a degree or diploma \_\_\_\_\_
6. the collection of sacred writings from the Christian religion  
\_\_\_\_\_