

5th Grade

N.T.I. Day 6

Name: _____

Keep packet stapled together and turn in all work at the same time.

*Please contact us by email or remind,
between the hours of 8:00AM-3:00PM, if
your child needs help on an assignment.*

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YOU CAN DO
anything

Remind

Send a text to: 81010
Text this message: @4cdd27

Read both texts about a volcanic eruption in Chile. Then answer the questions.

TEXT A

Calbuco Volcano Erupts

ELA
Day 6

- 1 On April 22, 2015, Calbuco erupted without warning. Calbuco Volcano is located in Ensenada, a small town in southern Chile. The volcano had been quiet since 1972. At 6:04 P.M., the volcano suddenly began to spew hardened pieces of lava, ash, and hot gases into the air. The eruption lasted 90 minutes. The ash cloud above the volcano was 50,000 feet high. Everyone living around the volcano had to evacuate immediately. No injuries were reported.

TEXT B

A View of Calbuco

by Pablo Saumann (a first-hand account)

- 2 That morning of April 22, I woke up expecting a normal day. The weather was beautiful and sunny. I ate breakfast and looked out the window at Calbuco, as I did every morning. My dogs were running through the trees. The view of the green forest and snow-capped volcano took my breath away. I smiled at the paradise in my backyard.



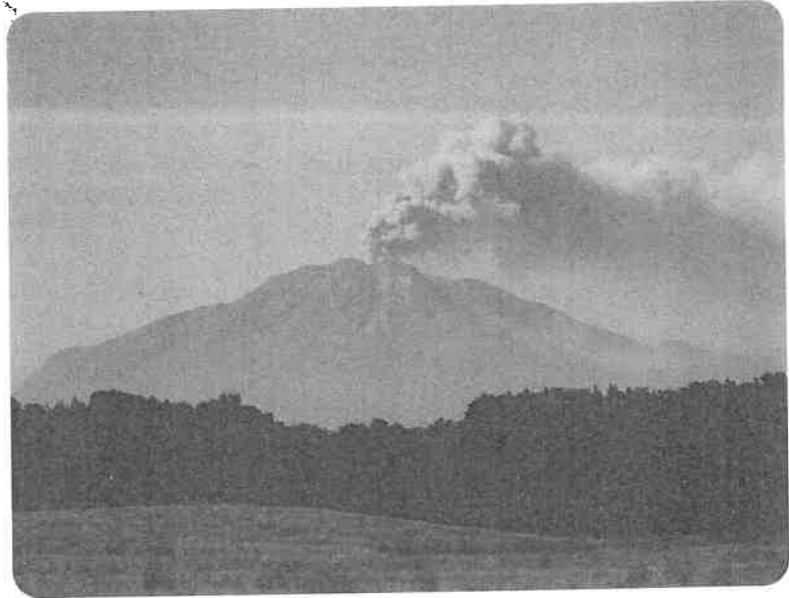
Calbuco volcano in southern Chile

- 3 I spent most of the day working in the garden. Then I fed my chickens and threw sticks for the dogs. Late in the afternoon, I decided to go to the store. So I put the dogs in the house, locked the door, and drove to town.
- 4 I was just leaving the store when I felt the ground shake. Nobody else seemed to notice. I thought that maybe I had imagined it. But then the ground shook again. Suddenly, with a huge rumble, the top of Calbuco exploded into the air.

(continued)

PURPOSE AND POINT OF VIEW

5 Ash, rocks, and chunks of hard lava flew high into the air. It made a tower so high that I couldn't see the top. All around me, people ran out of houses and stores. We all stood on the road, looking up into the sky. Nobody had imagined that Calbuco would erupt like this.



A large cloud of ash erupts out of Calbuco volcano.

- 6 Then small volcanic rocks and ash started to rain down around us. Suddenly, an emergency siren started to sound. It was very loud. I realized that everyone needed to get out of town quickly. I got into my car and drove to Puerto Varas, a nearby city. The police directed everyone to safe places indoors. From my safe shelter, I watched the tower of ash begin to collapse around the volcano. As the sun was setting, the sky turned pink and orange. It was a beautiful and scary thing to see.
- 7 All of us had to stay in the city for a few days. Nobody got hurt. We were lucky that we all got out of the town quickly. But we were worried about our homes and farms, and I worried about my dogs. I didn't know if my house would still be standing.
- 8 Finally, it was safe for us to go home. My road was buried in ash about a meter deep, so I had to hike the last few miles. When I arrived, I was amazed to see most of my house still standing. Only one corner of the roof had fallen in. Unbelievably, my dogs had also survived. They must have jumped out through a broken window, but they were very hungry and thirsty. I hugged my dogs and cried with happiness.
- 9 Ensenada looked like a new planet. Everything was covered in volcanic material, mostly ash. There was no more grass. All of the trees had lost their leaves. The rivers were gone, and there were no animals in sight. The land looked lifeless. I felt like I was on the moon.
- 10 It took us a few years to rebuild Ensenada. The townspeople slowly started to clear out the ash, dig out buried cars, and fix our houses. We planted new grass. The leaves grew back on the trees.

(continued)

- 11 I'm back in my home. I wake up each morning and look out the window at Calbuco. The volcano is quiet—for now. I take care of my dogs and work in the garden. This is my home. I still love my backyard paradise, and the view still takes my breath away. It reminds me that I'm lucky to be alive.

1. What is the main purpose of Text A?

- A to explain why a volcano erupted C to report the facts about Calbuco
 B to convince people to move away D to describe the people of Ensenada

2. According to **both** texts, what happened just after the eruption began?

- A The townspeople evacuated. C The corner of a house fell in.
 B All of the roads were closed. D All of the dogs started barking.

3. How is Text B **different** from Text A? Choose **two** answers.

- A It describes Ensenada. D It says that no one got hurt.
 B It is written in first person. E It expresses personal feelings.
 C It gives the date of April 22.

4. Which sentence tells how Pablo Saumann felt when he first returned to his home after the eruption?

- A "Finally, it was safe for us to go home."
 B "My road was buried in ash about a meter deep, so I had to hike the last few miles."
 C "When I arrived, I was amazed to see most of my house still standing."
 D "Everything was covered in volcanic material, mostly ash."

5. Based on Text B, why did Saumann stay in Ensenada even after the eruption?

- A He loved the natural beauty of his home.
 B He didn't think the volcano would erupt again.
 C He didn't want to leave his friends and family.
 D He enjoyed the excitement of living in danger.

Protect Watery Habitats

This text is provided courtesy of the National Audubon Society.

Wading birds live in a watery world, and clean water is essential for their survival. Rain that falls on streets, yards, parks, and farms flows through pipes and soil back into rivers, lakes, and other waterways where wading birds live, feed, and breed. You can help keep their habitats clean even if you don't live near water. Here's how.

1. Learn the names and locations of the waterways and wet habitats in your town, city, or region.
2. Start a clean water ecology club in your school.
3. Conserve water: Turn off the faucet while brushing your teeth. Catch rainwater in barrels to water gardens and lawns.
4. Always carry away trash and anything else you bring when visiting lakes, ponds, rivers, and seashores ... or anywhere outdoors.

J. What is the main idea of this text?

- A. We can take steps to keep the rivers, lakes, and other waterways where wading birds live clean.
- B. It's good to always carry away trash and anything else you bring when visiting lakes and rivers.
- C. You can conserve water by turning off the faucet while brushing your teeth.
- D. Rain that falls on streets and farms flows through pipes and soil back into rivers and other waterways.

Name: _____ Date: _____

2 According to the text, what is essential for the survival of wading birds?

- A. dirty water
- B. clean water
- C. warm climates
- D. cold climates

3 What does the text list?

- A. ways wading bird species differ from one another
- B. how to start a water ecology club in schools
- C. ways people can keep the habitats of wading birds clean
- D. kids that are working on protecting the habitats of wading birds

4 Rivers, lakes, and other waterways are important to the survival of wading birds. What information from the text best supports this statement?

- A. Wading birds live, feed, and breed in rivers, lakes, and other waterways.
- B. You can help keep the habitats of wading birds clean even if you don't live near water.
- C. You should always carry away trash and anything else you bring when visiting lakes, ponds, rivers, and seashore.
- D. Rain that falls on streets, yards, parks, and farms can end up in rivers, lakes, and other waterways.

5 Based on the text, how might rain pollute the rivers, lakes, and other waterways where wading birds live?

- A. Rain that flows into the wading birds' habitats may carry with it trash from the ocean.
- B. Rain that flows into the wading birds' habitats may carry with it pollutants that are found in the atmosphere.
- C. Rain that flows into the wading birds' habitats may carry with it trash people drop or spill on streets, yards, parks, and farms.
- D. Rain that flows into the wading birds' habitats may carry with it pollutants that enter clouds from space.

S.S. (Day 6)

**"Join, or Die," by Benjamin Franklin, *Pennsylvania Gazette* (Philadelphia, PA),
May 9, 1754. Courtesy, Library of Congress**

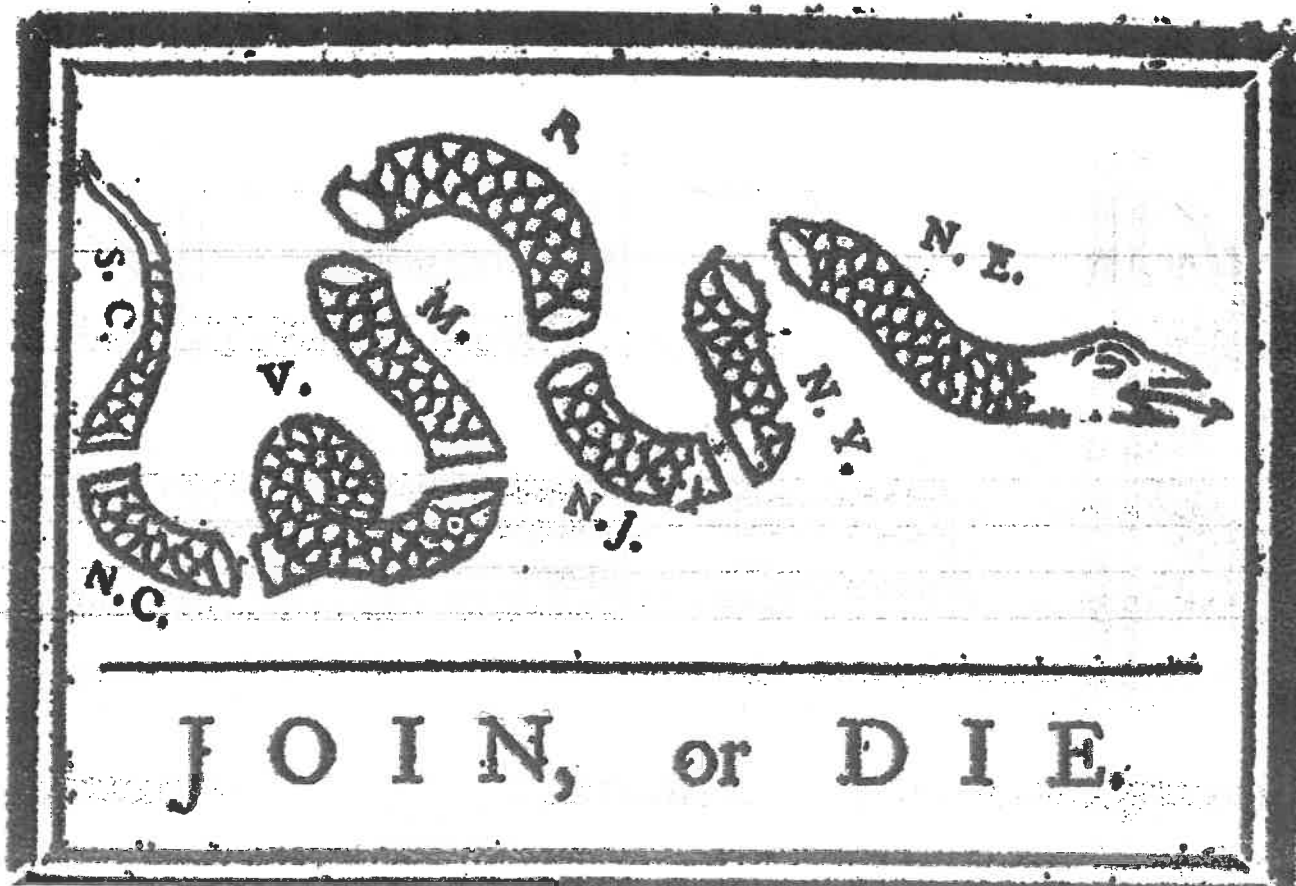
This famous "Join or Die" snake, believed to have been created by Benjamin Franklin, has long enjoyed the distinction of being the first political cartoon published in an American newspaper. Few people realize, however, that it can also be viewed as a basic map.

The image first appeared in the May 9, 1754, issue of Franklin's *Pennsylvania Gazette*. By the 1750s, France and Great Britain had been arguing for years over the extent one another's landholdings in the Americas. Franklin considered the American colonies to be dangerously fragmented and, through this cartoon and its accompanying article, hoped to convince the American colonies that they would have great power if they united against the threat of French expansion in North America.

Admittedly, the "Join or Die" snake does not fit any standard definition of a map. But many basic elements of a map are present. Perhaps the image has been best described as a "cartographic caricature," or a map generalizing and exaggerating the American colonies' most recognizable features—namely their locations and coastlines. The colonies are represented in geographic order, with the New England colonies at the head of the snake and South Carolina at its tail. [Note: The New England colonies are not listed individually and Georgia, oddly, does not appear at all.] The undulations of the snake's body broadly suggest the curves of the North American east coast.

The "Join or Die" snake enjoyed popularity long after its first publication in the *Pennsylvania Gazette* in 1754. Newspapers throughout the colonies copied and reprinted the image. For example, in 1774 Paul Revere adopted a snake device in the masthead of *The Massachusetts Spy*. As the years progressed, Franklin's image lost its usefulness as a symbolic map, yet the powerful message of strength in unity it conveyed remained for centuries.

Written by Misty Belyeu- Courtesy of Colonial Williamsburg Foundation



Name:

1. This image is an example of what kind of source? How do you know? (Primary/Secondary)
2. When/Where was it originally published?
3. Who is thought to be the author?
4. What is happening in the country during this time period that would cause Franklin to create this image?
5. What does the snake represent? Why is it in sections?
6. What does the message at the bottom mean?
7. What was the author's purpose for creating this image?
8. If you were a colonist, what would you think of this image? What type of emotion might you feel while reading it?



Math NTI
Day 6

Multiplying fractions by whole numbers

Grade 5 Fractions Worksheet

Multiply.

1. $1 \times \frac{1}{6} =$ _____

2. $9 \times \frac{7}{10} =$ _____

3. $7 \times \frac{4}{8} =$ _____

4. $\frac{1}{2}$ of 2 = _____

5. $\frac{1}{12}$ of 1 = _____

6. $\frac{2}{6}$ of 2 = _____

7. $\frac{1}{3}$ of 5 = _____

8. $\frac{3}{10}$ of 8 = _____

9. $\frac{1}{5}$ of 5 = _____

10. $\frac{2}{4}$ of 9 = _____

11. $8 \times \frac{1}{8} =$ _____

12. $9 \times \frac{4}{6} =$ _____

13. $\frac{4}{5}$ of 5 = _____

14. $7 \times \frac{5}{10} =$ _____

15. $\frac{2}{12}$ of 9 = _____

16. $\frac{1}{2}$ of 9 = _____

NTI Day 4

Physical Education (PE) Bingo

Color in the box

B I N G O

| | | | | |
|------------------|-----------------------|------------------|--------------------------|------------------|
| 5 squat jumps | 10 side to side jumps | 5 plank jacks | 5 burpees | 10 high kicks |
| 5 calf raises | 5 side lunges | 10 forward jumps | 10 second imaginary rope | 5 sumo squats |
| 5 lunges | 10 scissor kicks | Free! | 10 mountain climbers | 5 push ups |
| 10 star crunches | 30 jog on the spot | 10 crunches | 10 torso twists | 10 hammer fists |
| 10 arm raises | 5 knee ups | 5 arm circles | 10 toe touches | 5 Russian twists |