

# 5th Grade

## N.T.I. Day 4

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.*

### Teacher Email Addresses

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YOU CAN DO  
*anything*

### Remind

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

# NTI Day 4

## Physical Education (PE) Bingo

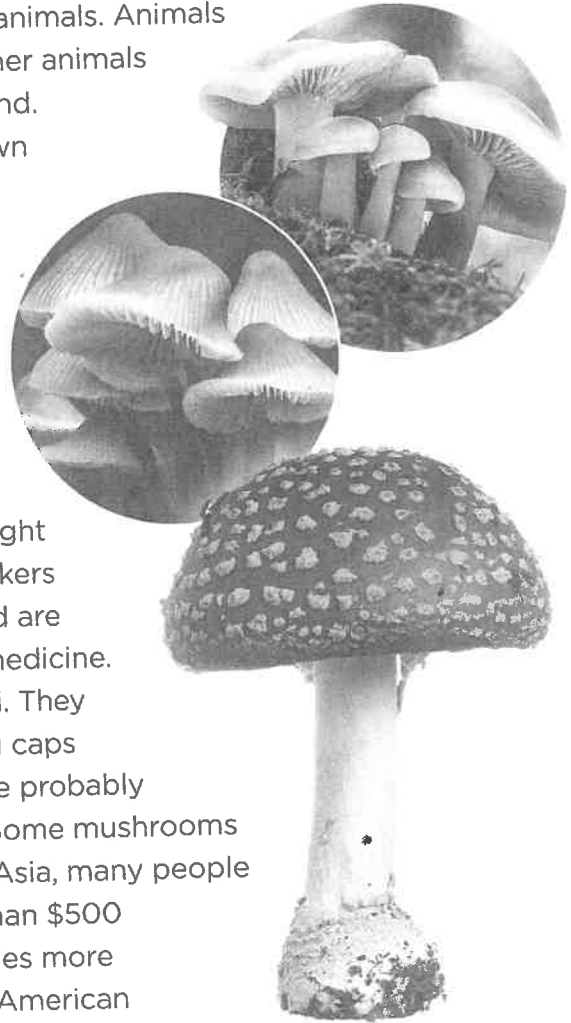
Color in the box

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

# Make Way for Fun Guy!

- 1 What is neither a plant nor an animal but is very much alive? *Fungi!* Long ago, scientists used to think fungi (pronounced FUN-jie or FUN-guy) were plants. But plants use the sun, air, and water to make their own food. Fungi can't make their own food. That makes them more like animals. Animals have to find their food. They may eat plants or other animals or both. But unlike animals, fungi can't move around. So scientists decided that fungi belong to their own *kingdom*, or group of living things.
- 2 Fungi play an **essential** role in helping the earth stay healthy. They often feed on what gets left behind, such as dead plants. As the dead stuff **decays**, fungi turn it into soil. Imagine what would happen if there were no fungi. Dead plants and animals would pile up everywhere!
- 3 There are different kinds of fungi. Yeast, mold, and mushrooms are just a few examples. They might not seem interesting, but they are very useful. Bakers use yeast to make bread rise. Some kinds of mold are used to make cheese. Others are used to make medicine.
- 4 Mushrooms are the most familiar type of fungi. They grow in warm, damp places. Some look like small caps on stems. Some are shaped like umbrellas. You've probably eaten mushrooms in salads or soups or sauces. Some mushrooms are so large that people eat them as burgers. In Asia, many people prize a rare kind of mushroom. They pay more than \$500 per pound for it. Today, the American **diet** includes more mushrooms than ever. On an **annual** basis, each American eats about four pounds of mushrooms.
- 5 Some people like to hunt for mushrooms, too. They gather mushrooms in the wild. Some kinds are hard to find, but people love their taste. Experts know which mushrooms to pick and when. But you should never pick mushrooms yourself. Some kinds can make you sick. The bad ones look **similar** to the good ones. So pickers must be careful.



There are different kinds of mushrooms, but they are all fungi.

## WORD MEANING

### Make Way for Fun Guy!

1. What does the word *essential* mean as it is used in paragraph 2?

- (A) hard to understand
- (B) interesting or amusing
- (C) able to fight disease
- (D) very important or necessary

2. What is the meaning of the word *decays* in paragraph 2? Write a definition.

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3. Which phrase from paragraph 4 gives a clue to the meaning of *diet*?

- (A) "so large"
- (B) "more mushrooms"
- (C) "each American eats"
- (D) "four pounds"

4. What is the meaning of the word *annual* in paragraph 4?

- (A) per year
- (B) very large
- (C) all at once
- (D) hard to believe

5. What is the meaning of the word *similar* in the last paragraph?  
Write a definition.

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## Ready to Rumble

A volcano in the Philippines has roared dangerously to life. The Mayon volcano-the country's most active-has threatened thousands of people. For weeks, repeated eruptions of hot ash and lava have destroyed crops and forests. Experts warn that Mayon has entered a dangerous phase and that deadlier eruptions could happen at any time. Volcanoes erupt from a build-up of heat and pressure within Earth's surface. They are made up of molten rock that has cooled and hardened. Volcanic eruptions occur where Earth's plates collide or pull apart, forcing out molten rock through the crust.

## Types of Volcanoes

Volcanoes have different shapes, depending on how they were formed.

Composite volcanoes are built from alternating layers of lava and ash. Mayon is a composite volcano.

Shield volcanoes form when repeated eruptions of lava spread over a wide area. Hawaii's Mauna Loa-Earth's largest volcano-is a shield volcano.

Cone volcanoes are built when ash and rock fall around the vent. One of these tall, cone-shaped volcanoes is Parícutín in Mexico.

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

1. According to this passage, volcanoes are classified by

- A. where they are located.
- B. when they last erupted.
- C. what causes them to erupt.
- D. how they are formed.

2. Mayon is the most active volcano in the

- A. world.
- B. Asian continent.
- C. Philippines.
- D. northern hemisphere.

3. The Mayon is a composite volcano made up of

- A. tall volcanic material shaped like a cone surrounding a vent.
- B. alternating layers of ash and lava.
- C. lava spread over a wide area by repeated eruptions.
- D. none of the above.

4. The Earth's largest volcano is a

- A. shield volcano.
- B. composite volcano.
- C. cone volcano.
- D. none of the above.

5. What are volcanoes made of?

## Lesson #11

NTI Day #4

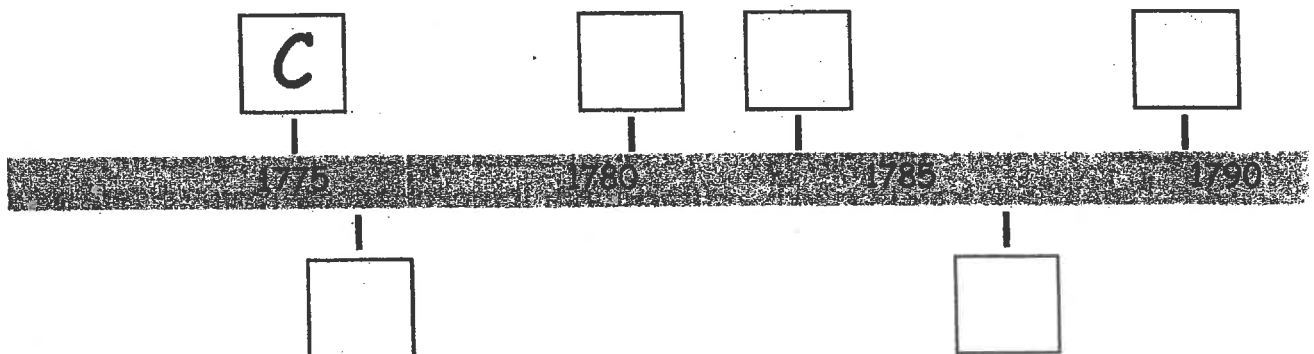
## Reading a Timeline

A **timeline** shows events in **chronological order**, the order in which things happen in time. Timelines can be horizontal or vertical, and they always include events and dates in order. Timelines usually have a specific theme or subject matter.

1. Underline the word that means “the order in which events happen in time.”
- 2–3. Put the letter of each event on the correct line below. The first one is done for you.

- |         |   |
|---------|---|
| A) 1787 | The U.S. Constitution replaces the Articles of Confederation. |
| B) 1783 | Fighting between American colonists and England ends.         |
| C) 1775 | Fighting begins between American colonists and England.       |
| D) 1781 | Britain's General Cornwallis surrenders at Yorktown.          |
| E) 1776 | The Declaration of Independence is written.                   |
| F) 1789 | George Washington becomes the first president.                |

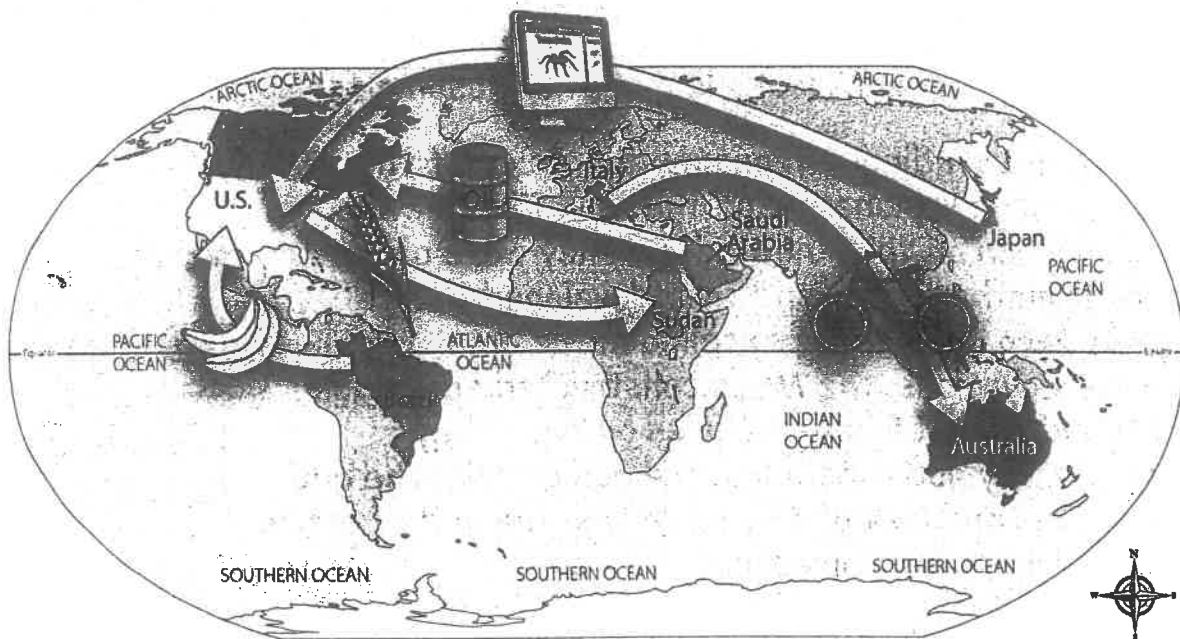
## The United States in the 1700s



4. Which event matches the theme and time period of the timeline?
  - A) 1917 U.S. officially joins World War I.
  - B) 1520 Spanish explorer Hernán Cortés conquers the Aztecs.
  - C) 1788 The U.S. Constitution is formally adopted.
  - D) 1789 A revolution begins in France.
  
5. (Supply / Demand) is how much of the product a business has for sale.
  
6. (Supply / Demand) is how much of the product consumers want to buy.

Use the map to answer the following questions.

### World Imports and Exports



7. Brazil exports bananas to \_\_\_\_\_.
8. Canada \_\_\_\_\_ oil from Saudi Arabia.
9. The United States \_\_\_\_\_ wheat to Sudan.
10. Australia \_\_\_\_\_ bicycles from \_\_\_\_\_.





# Extra Practice and Homework

## Fractions and Mixed Numbers

### Activity 4 Real-World Problems: Fractions and Mixed Numbers

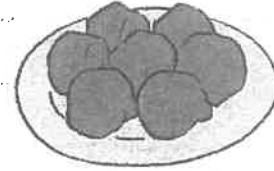
**Solve. Show your work. Draw a bar model to help you.**

- 1 José puts an empty container under a leaking faucet.  $\frac{3}{8}$  quart of water collects inside the container in the first hour.  $\frac{1}{6}$  quart of water collects inside the container in the second hour. How much water collects in the container in the two hours?



Handwritten scribbles.

- 2 Ms. Mackenzie buys  $\frac{8}{9}$  pound of meat. She uses  $\frac{3}{4}$  pound of the meat to make meatballs. How many pounds of meat are left?



- 3 An earthworm is at the bottom of a well. The earthworm climbs  $70\frac{3}{5}$  inches in the first six minutes. It climbs  $64\frac{1}{3}$  inches in the next six minutes. How far is the earthworm from the bottom of the well after 12 minutes?



- 4 Jack is jogging along a track. He has already jogged  $1\frac{2}{3}$  miles. He plans to jog a total of  $3\frac{1}{4}$  miles. How many miles does he have left to jog?

