

# Volcanoes

## Teacher Notes

- Give each student a copy of the passage with the assessment items attached.
- Call on volunteers to read the words in the box. Don't define yet.
- Guide the students in reading the passage. (They can read it silently first and then orally or just orally.)
- Discuss the passage as desired, having students define the words in bold print in their own words, using context clues or prior knowledge.
- Complete the multiple-choice items.
- Use the vocabulary cards to play vocabulary games:
  - **ERUPT!**
    - Give each student a blank ERUPT! Card. Have the students fill in the cards by writing a word from the "Key Words" box in each empty rectangle on the card. (They will need to use some words more than once, however, they must use EVERY word at least one time.)
    - Read the definitions below in any order. (You may need to read some of the definitions more than one time.) If the students have the word for that definition, they may mark it. (Use markers, such as pennies, beans, etc., if you plan to use the cards more than one time.) They may only mark ONE word per turn. If they have a word more than once, they must wait for it to be called again.
      - *Ash*: small pieces of rock blown into the air during a volcanic eruption that cool and harden quickly
      - *Constructive force*: a force that builds up the Earth's surface, creating new landforms
      - *Crater*: cup-shaped opening at the top of a volcanic mountain
      - *Crust*: outer-most layer of the Earth
      - *Destructive force*: forces that tear down or break apart the Earth's surface
      - *Erosion*: the movement of sediments
      - *Erupt*: to shoot out magma from a volcano
      - *Extinct*: a volcano that no longer erupts
      - *Fault*: a crack along the Earth's surface

- *Igneous*: type of rock formed when lava or magma cools and hardens
- *Inner core*: the layer found in the very center of the Earth
- *Lava*: hot, molten rock that flows down the outside of a volcano
- *Magma*: hot, molten rock found under the Earth's surface
- *Mantle*: the Earth layer found right below the crust
- *Outer core*: the layer of Earth located between the mantle and the inner core
- *Vent*: an opening or a crack that reaches from pools of hot magma deep in the ground to the Earth's surface
- *Weathering*: the process on the Earth's surface by which rocks are broken down
- The first student to get five in a row (horizontally, vertically, or diagonally) is the winner.
- Option: Play "Black Out" where the students must mark their entire card to win.

# Answer Keys

## Answer Key—Multiple Choice Questions

1. A
2. C
3. D
4. D
5. B
6. C
7. A
8. C

## Answer Key—Crossword Puzzle

### Across

2. weathering
4. lava
6. erosion
9. deposition
11. glacier
12. sediments

### Down

1. fault
3. wind
5. vent
7. volcano
8. core
10. crust