

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

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



# GENIUSCHALLENGE

## INTERACTION OF EARTH'S SPHERES

1. List Earth's four spheres.

1. \_\_\_\_\_ 2. \_\_\_\_\_

3. \_\_\_\_\_ 4. \_\_\_\_\_

2. Which of Earth's spheres contains rocks and sediments?

\_\_\_\_\_

3. Which of Earth's spheres includes water? \_\_\_\_\_

4. What is the atmosphere made up of? \_\_\_\_\_

5. True or false: oceans have no effect on the temperature on Earth's land. \_\_\_\_\_

6. Which of these is part of the biosphere?

- a. bees      b. sand      c. rivers      d. clouds

7. Which of Earth's spheres do humans impact and how?

\_\_\_\_\_  
\_\_\_\_\_

8. True or false: recycling can positively impact Earth's spheres. \_\_\_\_\_

9. Explain an interaction between the atmosphere and the geosphere.

\_\_\_\_\_

10. In the team's mountain model, which of Earth's spheres is interacting with the geosphere?

\_\_\_\_\_