

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

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



# GENIUSCHALLENGE

## ROCK LAYERS

1. When sediment is moved around by wind or water it is called \_\_\_\_\_.

2. \_\_\_\_\_ are rocks that contain evidence of past life on Earth.

3. The breaking down of rocks into smaller pieces is called \_\_\_\_\_.

4. \_\_\_\_\_ are scientists that study the composition of Earth, including rock layers at the surface.

5. Rock that is made from sediment that has been pressed together is called \_\_\_\_\_ rock.

6. The geologic time scale tracks Earth's \_\_\_\_\_ year history.

7. Paleontologists study \_\_\_\_\_.

8. The rock layer closest to the surface is \_\_\_\_\_ in age than the layers beneath them.

9. Explain how sedimentary rock is formed. \_\_\_\_\_

10. Use a model to explain how sediment is deposited to form Earth's layers.