

Across

2. A process in which lava hardens on the surface and forms igneous rock

4. A process in which the magma cools and hardens into a mass of igneous rock

6. A gap in the geologic record

8. The solid copy of the shape of the organism

9. A break in the Earth's crust

10. The change of living things over time

12. The process that geologists use to determine the relative age of sedimentary rock layers

<u>Down</u>

1. An organism that no longer exists on Earth and will never live again on Earth

3. A fossil that helps geologists match rock layers

5. The number of years that has passed since the rock formed

7. An extremely thin layer of carbon on rock

11. The hoolow area in sediment in the shape of an organism or part of an organism