

A Trip Through Geologic Time ▪ *Review and Reinforce***Fossils****Understanding Main Ideas***Fill in the blanks in the table below.*

Type of Fossil	Description
Petrified Fossil	Fossils in which 1. _____ replace all or part of an organism
2. _____	A hollow area in sediment in the shape of an organism
3. _____	A solid copy of the shape of the organism
Carbon film	An extremely thin coating of 4. _____ on rock
Trace Fossils	Evidence of the 5. _____ of ancient organisms
6. _____	Remains of organisms in tar, amber, or ice

Answer the following questions on a separate sheet of paper.

7. Describe how a mold is related to a cast.
8. What can a paleontologist tell from fossil footprints of a dinosaur?
9. What does the fossil record reveal about the evolution of life on Earth?

Building Vocabulary*Fill in the blank to complete each statement.*

10. The process by which all the different kinds of living things have changed over long periods of time is called _____.
11. The type of rock that is made of hardened sediment is called _____.
12. A type of organism is _____ if it no longer exists and will never again live on Earth.
13. A(n) _____ is a scientist who studies fossils.
14. The preserved remains or traces of living things are called _____.
15. A well-tested concept that explains a wide range of observations is called a(n) _____.