

Revision Worksheet - Earth and its changing features – lesson-2 (From Inspire Science)

1.



2. A leaf imprinted on a rock, causing a _____ to be made.

- A. fossil
- B. erosion
- C. landform

3. Bethany saw an exhibit at the science center on Earth's surface. She learned that Earth's surface has changed over time. What evidence has been collected by scientists to support this theory?

- ☐ Ancient people left photographs of Earth's surface behind for scientists.
- ☐ Fossils have been found that give clues to what Earth's surface looked like many years ago.
- ☐ Paleontologists have studied Earth's surface in the past and present and see no changes.
- ☐ We do not know what Earth's surface looked like long ago.

4. Fill in the blanks using the available answer choices.

Scientists can learn about ancient environments by studying _____ in
layers of sedimentary rock.

- organisms
- water

5. Fill in the blanks using the available answer choices.

Most fossils are found in _____ .

- sandy layers
- rocky layers

6. Which is most like a glacier changing Earth's surface?

A. a bird drinking water from a puddle

B. a boy raking leaves into a pile

C. a speeding racecar

D. a bulldozer pushing and piling anything in its path

7. Which evidence could indicate that a flood has happened in an area?

A. A new mountain has formed.

B. The sky is cloudy.

C. A palm tree is charred black.

D. Soil and rocks are on the road and sidewalks.

8. Fossil evidence provides scientists with information about

- ☐ how an environment has changed over time.
- ☐ rocks and minerals.
- ☐ where earthquakes occur.
- ☐ how mountains form.

9. Scientists are able to tell which fossils are the oldest by looking at the bedrock. Which layer contains the youngest fossils?



- ☐ Layer A
- ☐ Layer B
- ☐ Layer C
- ☐ Layer D

10. Fill in the blanks using the available answer choices.

If a fern fossil is found in a rock layer lower than a fossil of a small fish, the fern is probably _____.

- older
- younger