

TCAP Practice Assessment 4th Grade

Question 1

Standard 4. ESS1.2

Which statement is true about fossils?

- A. Fossils only form in water.
- B. Fossils can tell us about the past.
- C. Fossils always look like bones.
- D. Fossils are never found in rock layers.



Question 2

Standard 4.ESS1.2

Which rock layer formed first?

- A. The top layer
- B. The middle layer
- C. The way layer
- D. The bottom layer



Questions	Answers	Explanations
1	B	Fossils show what kinds of plants and animals lived long ago. When we see where fossils are found in rock layers, we learn about Earth's past.
2	D	Older rock layers are found deeper underground. This means the bottom layer formed first and newer layers formed on top of it.

Question 3

Standard 4. ESS2.3

What helps soil stay in place?

- A. Puddles collecting at the surface.
- B. Hanging vines.
- C. Long tree roots.
- D. Mud covering the ground.



Question 4

Standard 4.ESS2.3

How do beavers change a river?

- A. Their tails keep the water warm
- B. Their dam raises the water level
- C. They remove plants from the water
- D. They make the water lower

Questions	Answers	Explanations
3	C	Tree roots help anchor soil, keeping it from washing away during rain or wind. When roots hold soil in place, the land becomes more stable.
4	B	A beaver dam blocks the flow of a river, causing water to back up behind it. This makes the water level rise and changes how the water moves through the area.