Fossil Butte Field Camp

Exit question: a new cliff

Name: _____ Student code: _____

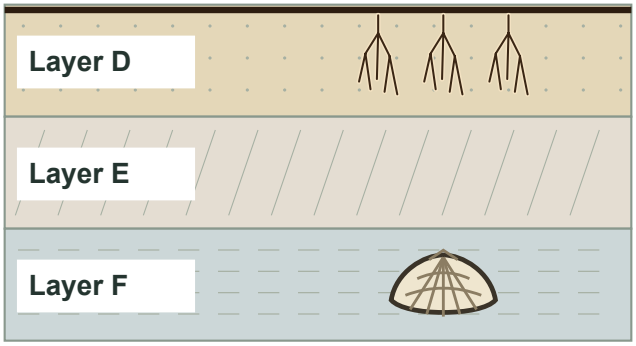
The crew finds the new cliff in Figure 4. Nothing has flipped these flat layers. Use the fossils and layers to explain the change.

Work on your own. Answer A, B and C. Use Figure 4 and Table 1. No hints or answer checks.

Table 1: Field guide

Fossil	What it tells you
Fish fossils	Fish lived in water.
Plant roots in soil	These land plants grew in soil here.
Clam fossils	These freshwater clams lived in water.

Figure 4. New cliff



Teaching model - made up

A. Find a fossil clue

Use Figure 4 to complete both blanks.

Layer _____ (1) is the oldest. It has _____ (2).

Menu 1: write one letter

A. D
B. E
C. F

Menu 2: write one letter

A. plant roots in soil
B. clam fossils
C. fish fossils
D. no fossils shown

B. Choose a claim

Which claim does the new cliff support?

- ○ A. This place stayed on land the whole time.
- ○ B. This place changed from water to land.
- ○ C. This place stayed under water the whole time.
- ○ D. This place changed from land to water.

C. Choose evidence

Which two observations best support your answer to Part B?

Select two correct answers.

- ☐ A. Layer F has clam fossils.
- ☐ B. Layer E has no fossils shown.
- ☐ C. Layer E has plant roots in soil.
- ☐ D. Layer D has clam fossils.
- ☐ E. Layer D has plant roots in soil.