

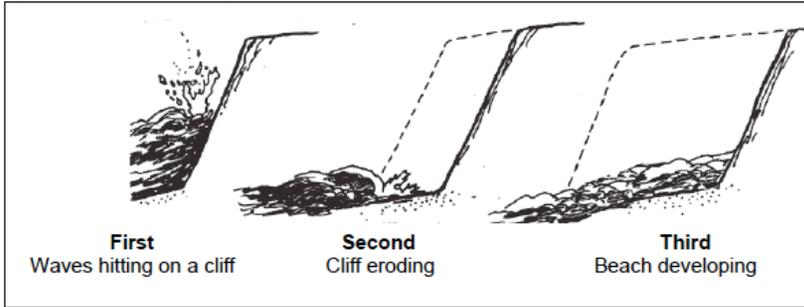
Name _____ period _____

7th Grade DO NOW

SCI.7.8B Analyze the effects of weathering, erosion, and deposition on the environment in ecoregions of Texas.

Date _____

The diagram shows three stages in the formation of a beach.



What is the name of all of the weathered and eroded material found on the beach?

- A. quartz B. grains C. sediment D. stacks

Date _____

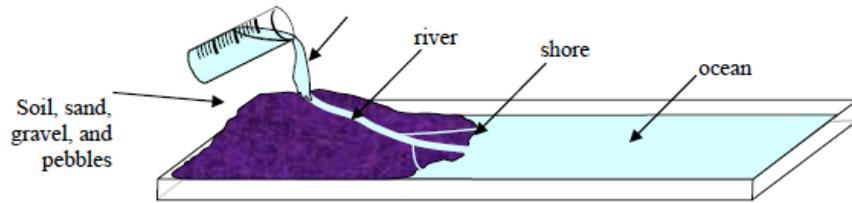
Match the vocabulary word with its meaning.

- | | |
|-------------------|---|
| _____ 1. Delta | A. A series of curves in a river |
| _____ 2. Sandbar | B. A deep narrow valley formed by erosion |
| _____ 3. Runoff | C. An area of deposition found along a curve in a river |
| _____ 4. Meanders | D. A fan shaped sediment deposit formed at the mouth of a river |
| _____ 5. Canyon | E. Water that flows over land |

S A G L A R U T A N D X K
W G O N I T N E M I D E S
A D N E I M S H U G T E L
H I G I S A E T L Z R K A
T S N P K N R S L U O U R
E S I O K C I D T A P I E
Z O R R I D O A I O S F N
E L E O H S E L M C N T I
E V H U O R A P R E A E M
R I T S C Y L R O E R P S
F N A A E A N C B S T Y Y
B G E R O S I O N A I N L
Q S W C E T I N A R G T I

- | | | |
|------------|--------------|--------------|
| ABRASION | GRANITE | REMAINS |
| ACIDRAIN | INTERLOCKING | SALTS |
| COAL | LAYER | SEACREATURES |
| DEPOSIT | LIMESTONE | SEDIMENT |
| DISSOLVING | MINERALS | TRANSPORT |
| EROSION | NATURALGAS | WEATHERING |
| FREEZETHAW | POROUS | |

Date _____



Students use a stream table to model how a river changes the surface of the Earth. When the students finish pouring the water, which change will most likely have taken place?

- A. The pebbles will be deposited by the moving water in the location labeled ocean
- B. The height of the pile will increase at the top of the hill
- C. At the location where the river meets the ocean, sediments will build up forming a delta
- D. The pile of sediments will completely flatten out across the ocean

Date _____

Which of these factors has the least effect on the load of sediment a river can carry?

- A. Speed of the river
- B. Size of the sediment
- C. Color of the sediment
- D. Density of the sediment

Date _____

What is the dividing line of any high land where runoff runs down one side or the other called?

- A. A watershed
- B. A runoff
- C. A divide
- D. A tributary

Earth Day Maze

Start at the "S" in North America and travel through the maze until you get to the "E" in Africa. It's a long journey around the world...don't get lost!

