

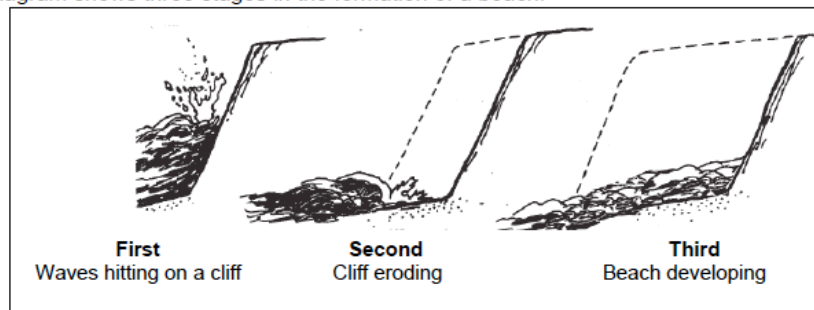
Name _____ period _____

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 |

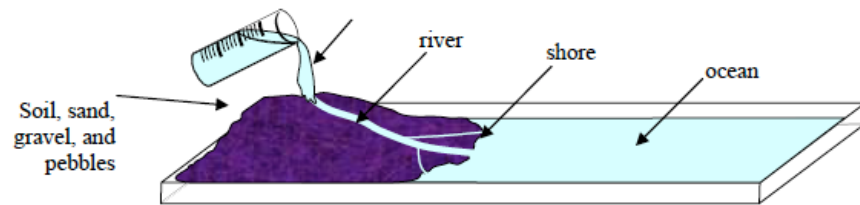
S	A	G	L	A	R	U	T	A	N	D	X	K
W	G	O	N	I	T	N	E	M	I	D	E	S
A	D	N	E	I	M	S	H	U	G	T	E	L
H	I	G	I	S	A	E	T	L	Z	R	K	A
T	S	N	P	K	N	R	S	L	U	O	U	R
E	S	I	O	K	C	I	D	T	A	P	I	E
Z	O	R	R	I	D	O	A	I	O	S	F	N
E	L	E	O	H	S	E	L	M	C	N	T	I
E	V	H	U	O	R	A	P	R	E	A	E	M
R	I	T	S	C	Y	L	R	O	E	R	P	S
F	N	A	A	E	A	N	C	B	S	T	Y	Y
B	G	E	R	O	S	I	O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

ABRASION
ACIDRAIN
COAL
DEPOSIT
DISSOLVING
EROSION
FREEZETHAW

GRANITE
INTERLOCKING
LAYER
LIMESTONE
MINERALS
NATURALGAS
POROUS

REMAINS
SALTS
SEACREATURES
SEDIMENT
TRANSPORT
WEATHERING

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!

