



Erosion and Deposition by Water Study Guide

Be able to write the definitions of these words from memory on the test:

erosion - _____

deposition - _____

Know the definitions of these words well enough to match them, or use them as labels on a diagram.

sea cliff wave-cut platforms sea arch sea stacks oxbow lake meander

headlands barrier island sandbar beach flood plain delta

canyon stalactites & stalagmites alluvial fan shoreline waves currents

Be able to tell how gradient of a slope affects the velocity and shape of a river.

Gentle gradient - _____ velocity; shape is _____

Steep gradient - _____ velocity; shape is _____

Be able to tell how each of the following affects the erosive power of a stream or river:

steep gradient: _____

gentle gradient: _____

fast-moving streams with a large load: _____

slow-moving streams with a small load: _____

high discharge rate: _____

low discharge rate: _____

Be able to tell how each of the following affects the amount of erosion that will occur:

wave energy: _____

hardness or softness of rock: _____



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Be able to explain how each of the following form, or number the steps.

sinkholes _____

sea stacks _____

Know which landforms are caused by erosion, and which are caused by deposition. (Write E or D)

sea cliff	headlands	canyon
wave-cut platforms	barrier island	stalactites & stalagmites
sea arch	sandbar	alluvial fan
sea stacks	beach	shoreline
oxbow lake	flood plain	sinkhole
meander	delta	

**Be able to label on a diagram of a river where erosion & deposition occur. (see p. 32-33 in your text)
Draw and label one here!**

**Be able to label on a diagram of a coastline where erosion & deposition occur. (see p. 35 in your text)
Draw and label one here!**