

Name _____

Science Study Buddy- Changes to Earth

*Reread pages 244 - 261 in your science textbook, and study the notes you took in class.

You need to know and understand the following. You should be able to describe what these processes are, tell whether they are fast or slow changes, and be able to give examples of each. :



*Fast (Rapid) Changes to Earth- earthquakes, volcanoes, landslides, floods



*Slow Changes to Earth- weathering, erosion, and deposition

*Glaciers can cause erosion.



*Gravity- a force that can cause rocks and boulders to fall down hills and mountains (landslide) & can cause water to flow downhill

*Water expands as it freezes. This can widen cracks in rocks and break them apart!

Tell what specific type of change is happening in each. Some are fast, and some are slow.

1. _____ Water quickly flows over land that is usually dry.
2. _____ Large rocks break apart into smaller pieces.
3. _____ Gravity pulls rocks and soil down a hill.
4. _____ Weathered rock is dropped off in a new location.
5. _____ There is a sudden movement of the rocks that make up Earth's crust.
6. _____ Water and wind cause sand on the beach to wash away.
7. _____ A mountain builds up around an opening in Earth's crust and explodes.