

Name _____ Date _____ Period _____

STUDY GUIDE CHAPTERS 7 & 8

1. Know all of these terms:

- | | | |
|------------------|-----------------------|--------------------------|
| - weathering | - plucking | - sand storm |
| - erosion | - continental glacier | - dust storm |
| - deposition | - valley glacier | - sand dune + migration |
| - mass movements | - U-shaped valley | - how caves form |
| - slump | - V-shaped valley | - ice-fracture (wedging) |
| - creep | - outwash | - gravestones |
| - rockslide | - till | - plant roots |
| - mudflow | - deflation | - retaining wall |
| - terrace | - abrasion | - surface area (chalk) |

****MAKE FLASHCARDS TO STUDY ALL OF THIS VOCAB!****

****KNOW ALL OF YOUR DRAWINGS!****

2. List and discuss 4 ways to reduce erosion. Explain!
3. Know what weathering is. Know the similarities and differences between mechanical and chemical weathering. Give examples and definitions. Explain. Explain.
4. Know the effect of surface area on weathering. Be able to explain and draw the experiment with the stick of chalk and the powdered chalk.
5. Know how U-shaped valleys form. Know how V-shaped valleys form. Draw and explain BOTH.
6. Explain how sand dunes form and migrate. Be able to draw pictures showing this.
7. I will ask you a number of compare and contrast type questions regarding WEATHERING, EROSION, and DEPOSITION. You will also be expected to classify things as weathering, erosion, or deposition. In other words, you will have to classify all the terms listed in number 1.
8. Be able to complete all questions on these activities:
- Time and Rate
 - Velocity of Particles
 - Group Test