

Mr. Dixon Earth Science Class

Unit 2 Erosion and Deposition 3D Model Project Rubric

S6E5, Students will investigate the scientific view of how earth's surface is changed.

Purpose: The purpose of this assignment is to demonstrate student's knowledge relating to causes and effect of erosional processes that reshapes the earth's surface. **Students may have up to eight people in their group with each student contributing.** Within the model, students should focus on the natural and human induce factors that contributes to erosion and deposition on earth. **The project should consist of two parts, before and after views.** Students must use content vocabulary that will be listed below. On the project, to show specific areas on the project where erosion, deposition, human impact and prevention is taking place, students should write and display short commentary as seen on the example below. **Also, each student will be required to write a cause and effect paper** relating to their model giving real-life examples that compare to their project (show real pictures of land forms that compares to the project), use content vocabulary listed below. Also, demonstrate how humans are some of the cause of erosion and how humans are coming up with ways to prevent or slow down the process of erosion on earth.

Vocabulary includes but is not limited to the following;

1. Mechanical and Chemical weathering
2. Erosion by either wind, water and gravity, or glaciers
3. Deposition
4. Run-off
5. If students are demonstrating farm land they must use soil erosion, terracing farming, no-till farming and contour farming.

6. Human impact and human prevention.

Project will be due after the break January the 3rd!!!!!!

The following is an example of a 3D land form project:



Contribution Sheet: Please write your contributing part of the project.
