

Slope Failure and Ecosystems

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| Content Area(s)/Course: AP Biology | Unit: Ecology |
| Lesson Topic: Synthesis of learning/poster project | Length of Lesson: 1 Day |
| Materials for Students: Poster board and markers, laptops | Materials for Teacher: guided worksheet/notes/presentation |
| Standard(s) Addressed: Standard HS-LS2-1 Interdependent relationships in ecosystems Standard HS-LS2-2 Interactions, energy and dynamics Performance standard: use evidence from mathematical representations to explain factors that represent population dynamics and biodiversity Standard HS-LS2-7 Interactions, energy and dynamics Performance standard: design solutions for reducing human impact on natural ecosystems | |
| Student Outcome(s): I can: understand man's global influence on ecosystems around the world I can: propose sustainable solutions to preserving natural ecosystems | |
| Context for Learning <ul style="list-style-type: none">o This poster project hopefully allows students to summarize their learning and research into one concise document. | |
| Instructional Delivery Lesson notes: The notes will cover how to recognize different terrestrial ecosystems based on abiotic and biotic factors. Definition of important ecological terms will be laid out before getting into the types of ecosystems. Activity: Building of a poster to organize and summarize the learning of this unit on damage done to ecosystems, both natural and man-made. | |
| Assessment/Evaluation (Formative/Summative) The poster serves an assessment for the students understanding of variables in ecology and damage that can occur. Accommodations: Walk around and help those students that need more help. Extra time for students that need it on the mini quiz. | |