

Classroom Project

- a.) Statement describing the project: I collected fossils found in Iowa for use in my classroom.
- b.) Objective/goals: The students will be able to identify common fossils found in Iowa. TSWBAT find similarities in the rock columns between the Grand Canyon and Iowa.
- c.) Implementation Statement: I currently teach from the FOSS Earth History course. This course is centered on the geography of the Grand Canyon. Through this course we study the rock columns in the canyon lands. I plan to add local interest through adding a bit of Iowa's geological history. We will compare the fossils from the canyons to the fossils we can find locally. The students will understand the principle of uniformitarianism and the importance index fossils in geography.
- d.) Evaluation component: Students will be assessed on their ability to use index fossils to determine age of rock in a rock column.