

TITLE: PROJECT DEVELOPMENT  
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CLASS: IOWA GEOLOGY FOR TEACHERS  
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Sections:

- a. Description: My project will be to take students on a field trip to visit a local quarry, collect and bring back rocks, minerals or fossils to contribute to a "student-built" collection, and which they may later take home. Each student will collect 2 specimens, one to take home and one to mount with each specimen's autobiography.
- b. Objectives/Goals: The collection will be used to help students study and understand the history of Iowa's geology, including ancient life forms and landforms.
- c. Implementation: Students will note physical characteristics of their respective rocks, and using research and data sets from prior lessons about Iowa Geology, students will write a one-page autobiography, from the rock's perspective, telling the reader about its characteristics, defining features, history, habitat, and so on.
- d. Evaluation: Students' rock autobiographies will be evaluated on evidence of accurate descriptions and historic information based on specimen observations and research.
- e. My project: Field trip to a local quarry, and mounted student-built collection with accompanying rock-autobiographies. The talking rock collection will then be shared and displayed with the autobiographies for classroom reference.