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a) Description: My project is to put together a collection of fossils found in Iowa to use in my science class. I will use the fossils to help integrate science and social studies by tying some of the history of Iowa's geology with the regular Iowa History studies.

b) Objective/Goals: This collection of fossils will be used to engage my students in their thinking about the geologic history of Iowa.

c) Implementation: Working with partners or in small groups, my students will examine the fossils and write detailed descriptions of the fossils, including drawings, in their science journals. They will use their observations and information they gathered to research more about the fossils. Students will write information they learn about the fossils, in their journals. They will also include any further questions they have about the fossils. The information gathering and further questions will lead to class discussions and learning more about Iowa's geologic history. As they learn more about the fossils, students will continue to add information to their journals.

d) Evaluation: Assessment should be ongoing during project to make sure student learning is occurring. Teachers should use questioning to guide students that need help. Science journals may be checked to gauge student understanding.