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Geo of IA for Teachers
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Project Development

1A Statement describing project:

My project is to take geology students on a field trip to the Devonian fossil gorge in Coralville, Iowa. I would like to use this field trip to help students study Iowa's geological past. Some classroom work prior to the field trip would be required and after the field trip I would continue with a geological history of Iowa unit in the classroom. I would like students to have journals to write about what they see and to draw pictures of what they see. I would like to incorporate this trip as part of a geology of Iowa unit.

1B Objectives/goals of the project:

The field trip would be used to help students understand what organisms existed during the Devonian time and what they actually looked like. Through other classroom discussions I would like students to be able to describe what has happened throughout Iowa's past and how our limestone bedrock was formed.

1C Implementation statement describing/discussing how this will be used in the classroom:

The trip will show students what organisms use to live in Iowa. Students will write about and draw pictures of fossils in journals at the gorge. Students will construct a time line of what has happened throughout Iowa's past including Iowa's location, climate, and biology. They will need a bit more classroom work to do the last part of this. I may break students up into groups and assign a particular time period to them and have each group become an expert about the geology, paleoclimate, and past biology of Iowa for that time period and share it with the class.

1D Evaluation

I will assess the students' journal writings and drawings. I will also assess the quality of their presentation to the class for their particular time period about Iowa.