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Geology of Iowa for Teachers
6-25-08

Statement: My project is to interpret local landscape formations and rocks and introduce my students to the local geology.

Objectives/Goals: Students will learn the difference between metamorphic, sedimentary, and igneous rocks. Students will identify rocks based on their physical properties. Students will learn Iowa geology and landscape interpretation.

Implementation: During the earth science portion of environmental science, my students will be shown different samples of rocks collected from Iowa and taught about their formation and identification techniques. Students will also be taken outside to study soil horizons and outcrops by the Maquoketa River and learn the history behind the geologic landscape.

Evaluation: Students will be shown a landscape and asked to interpret the evidence presented in order to predict the geologic history of the area. Students will also be given different samples of rocks and asked to identify them according to their physical properties.

Project: A collection of local rocks used to teach identification techniques and fieldtrips to the Maquoketa River and Breen Prairie to teach bedrock formations and geological history.