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Geology of Iowa for Teachers
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A. Description

My project is to use the rock samples I have collected in my 8th grade Earth Science class.

B. Objectives/goals

To use the collection to help 8th grade students review what they already know about rocks and the rock cycle, refine and add to the depth of their understanding.

C. Implementation

- In groups I will have the students come up with a definition of sedimentary, metamorphic and igneous to check their understanding of these terms.
- In these same groups I will have them classify a group of rocks into the 3 categories with an explanation for their choice.
- I will do a gallery walk on the rock cycle to help them review and refine their ideas. As a class we will discuss the questions and their answers.
- They will then have the opportunity to revisit the rocks and change any answers they want.
- We will work towards a consensus on the classification of each rock as a class.

D. Evaluation

There will be 2 opportunities to evaluate their grasp of this material. I am doing a weekly Friday quiz that covers all material covered for the week. This will be a short answer written quiz. The material will also be assessed again for a chapter test where it will be a lab practical with stations for classifying the rocks along with some written questions.