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8<sup>th</sup> Grade Earth Science ✓

Geology Project for the Geology of Iowa for Teachers

### Tools of the Trade

#### Description:

My project is to develop a system of exercises using common geologic tools to enhance students understanding of basic data collection protocols.

#### Objectives/Goals:

At the beginning of the school year, I introduce students to the basic principles of data collection and recording protocols. Students will use common tools (topographical maps, hand lens, core sample drill, sieve...) to collect data from "non-geological" samples to enhance their proficiency and confidence with the tools of the trade.

#### Evaluation:

Students will be assessed based on the accuracy of their results, participation in class laboratory as well as responses to bell work questions