

Phyllis Smith
Neason Hill School
Grade 3

Meadville Public Library

Lesson Plan for Rock and Mineral Unit

Objectives:

1. Students will demonstrate how crystals are formed.
2. Students will construct igneous rocks and conglomerate (sedimentary rocks).
3. Students will use the knowledge gained to classify sample rocks as igneous or sedimentary.
4. Students will access an annotated bibliography either at the school library or Meadville Public Library to secure materials for a short written report on rocks.

Time Period: 1 day for beginning the crystals, 1 day for constructing Igneous rocks, one day for constructing Sedimentary rocks, 1 day for classifying rocks and locating an annotated Bibliography, 2 days to secure materials and write report.(flexible)

Procedures:

- I. For each specific activity (on the attached sheets), the class will be divided into cooperative groups of 3-4 students. The members of each group will change with activity.
2. We will follow the plans on the attached sheets for growing crystals and constructing Sedimentary and Igneous rocks.
3. We will go to the library and access annotated bibliographies (like the attached page). We will secure the needed books both from our library and the Meadville Public Library. Each group will select a topic, research, and write a report.

Evaluation:

1. Construction projects will be evaluated visually.
2. Written report will be evaluated using a rubric.