

**Grade** 2

**Topic** The Physical Setting

**Title** Rock Sort Part I

**Standards:**

- 2.1.2 Use tools to investigate
- 2.1.3 Describe and Compare
- 2.1.4 Make observations

**Objectives:**

Cognitive:

Students will observe and record characteristics of various rocks.  
The learner will classify rocks into categories.

Affective:

The learner will choose specific rocks for sorting.  
The learner will classify and organize rocks into categories.

Psychomotor:

The learner will identify key characteristics of rocks.  
The learner will rearrange rocks into categories.

**Teacher Materials:**

- Read-Aloud book *I am a Rock*
- Magnifying lenses per table
- Balance/scale
- Rock sort sheet
- Characteristics sheet
- Rulers/tape measures
- Various rocks
- Chart paper

**Activities:**

- 1 After reading the story discuss the different features of rocks.
- 2 Have students choose a rock and make observations on the characteristic sheet.
- 3 Allow students to draw their rocks according to their observations.
- 4 Have students work in small groups to sort and group their rocks.
- 5 Write the different ways the children sorted on chart paper.

**Assessment:**

- Pre-Assessment will be the students initial response as to how to describe rocks
- Post Assessment will be the students written description from the scientific tools they used to describe their rock

**Created by:** Angela Micinski

**Grade** 2

**Topic**        The Physical Setting

**Title**         Rock Sort Part 2

**Standards:**

2.1.2 Use tools to investigate, 2.1.3 Describe and Compare, 2.1.4 Make observations

**Objectives:**

Cognitive:

Students will observe and record characteristics of various rocks.

The learner will predict characteristics of rocks.

Affective:

The learner will be self-reliant in discovering and exploring rock qualities.

Psychomotor:

The learner will identify key characteristics of rocks.

The learner will explain key findings.

**Materials:**

Teacher Materials:

- Magnifying lenses per table
- Balance/scale
- Penny
- Pet Rock sheet
- Rulers/tape measures
- Various rocks
- Chart paper
- Vinegar
- Nails
- Tub of water

**Activities:**

1. Have students choose a rock that will be their pet rock and describe it.
2. Have students predict on the pet rock sheet the length, weight, hardness, acidity, and ability to float.
3. Students will test out and perform their predictions in order to get accurate answers.
4. Students will share their findings. Record on chart paper.

**Assessment:**

- Pre-Assessment will be the students initial response as to how to describe and sort rocks
- Post- Assessment will be the students written description from the scientific tools they used to describe and sort their rocks
- **Created by:** Angela Micinski

Ideas and materials adapted from *Teacher Created Materials: Thematic Unit-Rocks and Soil* page 51.