

Rocks and Minerals
Student Self-Assessment, *continued*

Name: _____

5. How well do you think you and your partner worked together? Give some examples.

6. Take another look at your “Minerals Field Guide.” Describe how well you think you recorded your observations and test results.

7. How do you feel about learning science? Circle words that apply to you.

- | | | | |
|---------------|---------------|------------|------------|
| a. Interested | b. Bored | c. Nervous | d. Excited |
| e. Confused | f. Successful | g. Relaxed | h. Happy |

i. Now write down at least one word of your own. _____

Name: _____

Date: _____

Mineral Profile Sheet

Mineral <input type="checkbox"/>	Feel
	Smell
Streak color	Luster
Light	Magnetism
Hardness	Shape

GYPSUM (BLADED SELENITE CRYSTAL AGGREGATE)

- Feel:** Rough; sharp, rounded edges
Color: Light brown and white
Streak: White
Hardness: Soft; scratched by penny
Light: A little light shines through
Luster: Dull to waxy; small, shiny crystals in some places
Shape: Looks like a flower

Mineral Identification Card

STC®/Rocks and Minerals

GYPSUM (CLEAR SELENITE CRYSTAL)

- Feel:** Smooth
Color: Clear
Streak: White
Hardness: Soft; scratched by penny
Light: A lot of light shines through
Luster: Glassy
Shape: No special shape

Mineral Identification Card

STC®/Rocks and Minerals

GYPSUM (SATIN SPAR VARIETY)

- Feel:** Rough
Color: White with traces of pink, red, or brown
Streak: White
Hardness: Soft; scratched by penny
Light: A little light shines through
Luster: Waxy; lines of shiny crystals in places
Shape: No special shape

Mineral Identification Card

STC®/Rocks and Minerals

HALITE

- Feel:** Smooth
Color: Clear or white
Streak: Gray
Hardness: Soft; scratched by penny
Light: A lot of light shines through
Luster: Glassy
Shape: Cube

Mineral Identification Card

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Rocks and Minerals: Observations of Student Performance

STUDENT'S NAME:

Concepts

- Rocks are aggregates of minerals, and they may also contain organic matter.
- Different rocks have different properties.
- The properties of rocks reflect the way they were formed and the minerals in them.
- Each mineral is composed of only one substance, and that substance is the same in all samples of the mineral.
- Minerals differ in color, texture, smell, luster, transparency, hardness, shape, and reaction to magnets.
- The properties of rocks and minerals determine how they are used.

Observations

Skills

- Using senses to observe and describe rocks and minerals.
- Recording and discussing observations of rocks and minerals.
- Sorting minerals on the basis of similarities and differences in identified properties.
- Performing and interpreting results of the following tests on minerals: streak, transparency, luster, hardness, and magnetism.
- Recording and discussing results of tests on minerals.
- Reading for more information on minerals and rocks.
- Communicating observations and test results through writing and discussion.
- Reflecting on experiences through writing and discussion.
- Applying previously learned concepts and skills to solve a problem.