



***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

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

## 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

STC®/Rocks and Minerals

## ***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.