

Purpose: To classify rocks into the three rock groups.

Guiding Questions: - How are rocks classified?

Preparing.

1. Think about the three rock types and how each forms. Reflect on this for a moment before beginning the activity.

Activity Instructions.

1. Observe only one rock sample at a time.
2. Take a picture of the rock and insert it into the space provided.
3. Write the rock type you believe the rock is and justify your choice. Your justification should include observations that led you to your choice.

Data Collection.

Record your observations and inferences in the spaces provided below.

Rock Letter: _____

Picture	Rock Type Choice and Justification	Final Rock Type Choice and Justification

Continued on next page.

Name Period Date

Rock Letter: _____

Picture	Rock Type Choice and Justification	Final Rock Type Choice and Justification

Rock Letter: _____

Picture	Rock Type Choice and Justification	Final Rock Type Choice and Justification

Rock Letter: _____

Picture	Rock Type Choice and Justification	Final Rock Type Choice and Justification

Name Period Date

Rock Letter: _____

Picture	Rock Type Choice and Justification	Final Rock Type Choice and Justification

Rock Letter: _____

Picture	Rock Type Choice and Justification	Final Rock Type Choice and Justification

Rock Letter: _____

Picture	Rock Type Choice and Justification	Final Rock Type Choice and Justification

Rock Letter: _____

Picture	Rock Type Choice and Justification	Final Rock Type Choice and Justification

Rock Letter: _____

Picture	Rock Type Choice and Justification	Final Rock Type Choice and Justification

Analysis.

Answer the following questions regarding the rocks.

1. What observations help you identify each of the rock types:

Sedimentary:

Igneous:

Metamorphic: