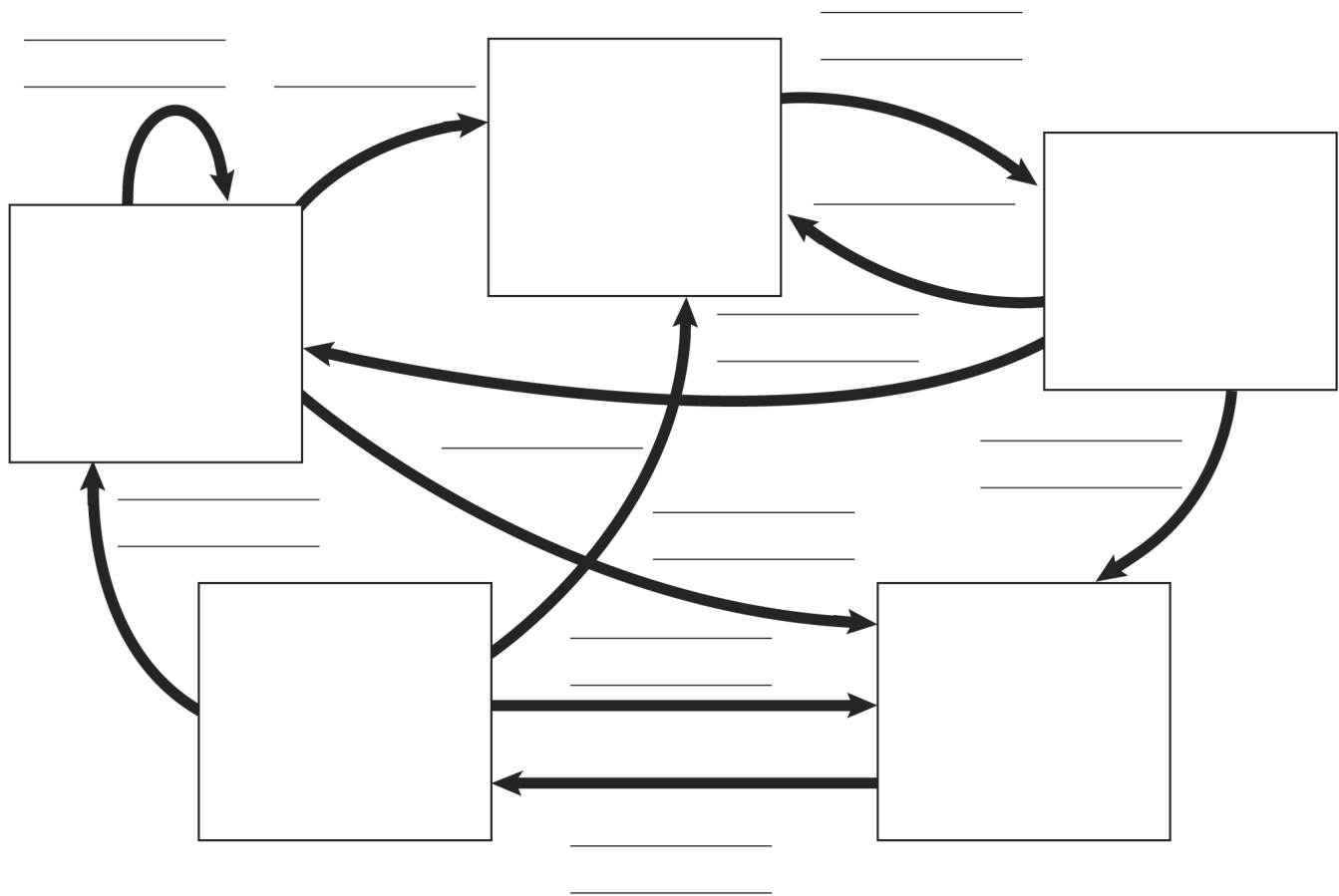


# What is the rock cycle?

## Lesson Review

Use the Key Terms to label the diagram of the rock cycle. You will use some terms more than once.

magma	igneous rock	cooling and hardening	heat and pressure
melting	sedimentary rock	weathering and erosion	pressure and cementing
sediment	metamorphic rock		



## Skill Challenge

**Skills:** modeling, classifying, applying concepts

On the back of this worksheet, draw a rock cycle that shows the formation of quartzite. Use the labels *sand*, *granite*, *sandstone*, and *quartzite* in your diagram. Identify each substance as an igneous rock, a sedimentary rock, a metamorphic rock, or a sediment. Be sure to include the processes that change one kind of rock to another.

# Answer Key

## What is the rock cycle?

### Lesson Review

Check students' labeling for accuracy. All labels will be used once except melting which appears three times, heat and pressure which appears twice, and weathering and erosion which appears twice.

### Skill Challenge

Check students' drawings for accuracy. Correct classification of rocks: igneous rock—granite; sediment—sand; sedimentary rock—sandstone; metamorphic rock—quartzite