

Formative Assessment #1: Rock Cycle Demo Questions

1. How many types of rocks are there and what are their names?
2. Describe the processes that make sedimentary rock.
3. Describe the processes that make igneous rock.
4. Describe the processes that make metamorphic rock.
5. What do each of the models represent in our investigations?

Model

Represents

Crayon

Crayon shavings

Melted crayon shavings

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Formative Assessment #1: Rock Cycle Demo Questions (Answer Key)

1. How many types of rocks are there and what are their names?

There are 3 types of rocks in the rock cycle:

Sedimentary Rock

Igneous Rock

Metamorphic Rock

2. Describe the processes that make sedimentary rock.

The processes that make sedimentary rock are:
cementation and compaction

3. Describe the processes that make igneous rock.

Heat forms igneous rocks.

4. Describe the processes by which make metamorphic rock.

Heat and pressure form metamorphic rock.

5. What do each of the models represent in our investigations?

Model

Represents

Crayon

rock

Crayon shavings

sediments

Melted crayon shavings

lava