

Making Sedimentary Rocks

[Return To Primary Lesson Plans](#)

Title: Making Sedimentary Rocks

Time: 1 class period

KERA Goals: 2.4, 2.6

Conclusion/Discussion:

Write or discuss the differences in the rocks that you made.

Objective:

Students should understand that sedimentary rocks like coal are formed by the cementing together of smaller pieces of rocks. Or, like coal, from the accumulation of plant material.

Materials:

plaster
cement
milk cartons (pint)
sand
soil
water
mixing spoon

Activity:

In this activity we will be making three different sedimentary rocks.

Sandstone

1. Cut the top off of a milk carton
2. Label the carton "A"
3. Mix 3 teaspoons of cement with wet sand in the carton.
4. Allow to dry.
5. Remove carton to see the sandstone.

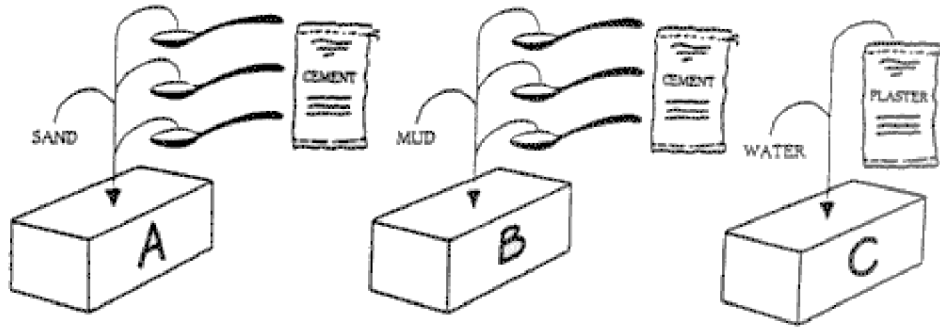
Coal

1. Cut the top off of a milk carton.
2. Label the carton "B"
3. Mix 3 teaspoons of cement with wet mud and decomposed leaves in the carton.
4. Allow to dry.
5. Remove carton to see the coal.

Limestone

1. Cut the top off of a milk carton.
2. Label the carton "C"
3. Mix plaster with water in the carton.
4. Allow to dry.
5. Remove carton to see the limestone.

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