Sedimentary Rocks

* Let’s Break It Down!

Sedimentary rock: forms from the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and/or cementation of sediments

This process is called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Sediments are:

* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Sediments form through the processes of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of rocks exposed at Earth’s surface

Sedimentary rock can also form from the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of materials that were once dissolved in water

When water evaporates, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ are left behind and form rock

3 Types of Sedimentary Rocks – Detrital

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ = form by weathering processes which break down rocks into pebble, sand, or clay particles by exposure to wind, ice, and water.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ sedimentary rocks form from chemical reactions, chiefly in the ocean.

3 Types of Sedimentary Rocks – Organic

Organic sedimentary rocks are sedimentary rocks formed from the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

3 Types of Sedimentary Rocks – Chemical

Chemical sedimentary rocks form by precipitation of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_from water.

Typed of Sedimentary Rocks in Minnesota:

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   1. Made up of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   1. Made up of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   1. Made up of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Karst Topography

**Karst**: A terrain with distinctive landforms and hydrology created primarily from the dissolution of soluble rocks.

It is characterized by \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_, and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ dominated by rapid conduit flow.