

Unit 3 Rocks, the rock cycle and soil

Study sheet #3

Name :

Subject:

Class: **Fifth Grade**

Date:

What are Sedimentary rocks?

Sedimentary rocks are made from small pieces (particles) of other rocks stuck together and formed over thousands or even millions of years.

*Very small pieces of rock are called sediments.

How are rocks formed?

1-By melting and cooling back into solid.

2-By changing through heat and pressure.

3-Through weathering, erosion, or deposition.



W. E. D.

Weathering

The BREAKING DOWN of rock.
Weathering agents include:

Water Ice
Wind Animals
Growing Plants



Erosion

The MOVEMENT of sediment from broken rock. Erosion agents include:

Water Ice
Wind Gravity



Deposition

The DROPPING of sediment in a NEW place. Examples of deposition are:

*Formation of an island
Sand dunes*



1-Weathiring: A process where heat, ice, rain ,wind ,animals or plant roots **break up rocks**.

2-Erosion: The movement of sediment (small rocks) from broken rocks because of water, ice, wind or gravity.

3-Deposition: The dropping of sediment in a new place, or when all sediments are carried or transported by rivers.