



Unit 3 Rocks, the rock cycle and soil

Study sheet #3

Name :

Subject:

What are Sedimentary rocks?

Class:

Fifth Grade

Date:

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.



Our Ever-Changing Earth

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-Weathering: 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.