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# Sedimentary Rocks Lesson

— Vocabulary Cards —

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# Sedimentary Rocks

**Sedimentary rocks** are types of **rock** that are formed by the deposition and subsequent cementation of mineral or organic particles on the floor of oceans or other bodies of water at the Earth's surface.

# Rock Formation

**Rock formations** are usually the result of weathering and erosion sculpting the existing **rock**.

# Weathering

**Weathering** is the process by which exposed rock and other surfaces are broken down; may be caused by elements of weather (**wind, water, ice**) or other mechanisms.

# Erosion

**Erosion** is the process by which weathered material is *moved* by wind, water, or ice.

# Deposition

**Deposition** is the process by which weathered and eroded material is deposited (or *dropped in a new location*) by wind, water, or ice.

# Compaction

**Compaction** is the process by which overlying pressure from rocks and soil reduces the size or volume of sediments.

# Cementation

**Cementation** is the process of binding and hardening sediments into hard rock.



# Knapping

**Knapping** is the the chipping process of a flint rock to form arrowheads.