**Sediment**
- Sand
- Mud
- Shells

**Igneous rock**
- Granite
- Basalt
- Small crystals
- Large crystals

**Sedimentary rock**
- Limestone
- Sandstone
- Mudstone

**Metamorphic rock**
- Marble
- Slate

**Magma** (molten rock)
- Very hot!
- Cooling and crystallisation (solidification)

**Weathering and erosion**
- Fast cooling
- Slow cooling

**Heat and pressure**
- Very high temperatures causing melting

Sediment is compacted (squashed) and particles get cemented