

# 3 Types of Rock

## Rocks and Soils

### Igneous



formed  
from lava

Obsidian



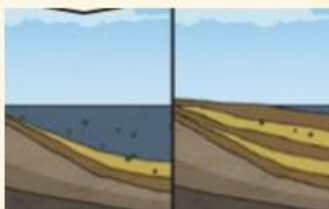
Granite



Basalt



### Sedimentary



formed from  
layers of mud  
and shells  
crushed

Chalk



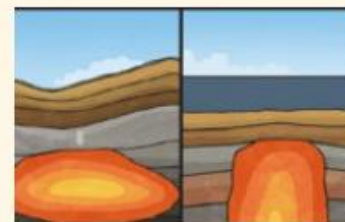
Sandstone



Limestone



### Metamorphic



rocks changed  
by heat or  
pressure

Marble



Quartzite



Slate



### Properties of rocks

hard or soft  
permeable or impermeable  
durable or erodible



### Fossilisation



**erosion** - the wearing  
away of rocks by wind,  
rain, sea or ice.

### Soil

Soil is made of broken up  
rock (minerals) water, air  
and **organic matter** (dead  
plants and animals).



#### Layers of soil



topsoil



subsoil



bedrock

