Lava is molten material found on the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of the Earth.

Magma is molten material found \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ the surface of the Earth.

**Igneous Rock** – a rock that forms from the cooling and hardening of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ rock (magma or lava).

2 Types of Igneous Rocks

**Intrusive** is formed when \_\_\_\_\_\_\_\_\_\_\_\_ hardens beneath Earth’s surface.

**I**nside the Earth.

(Ex: Granite)

**Extrusive** is formed from \_\_\_\_\_\_\_\_\_\_\_ **e**rupted onto Earth’s surface.

**E**xits the Earth.

(Ex: Basalt)

Makes up most of the earth’s continental crust (i.e. Granite).

**Classified by Texture:**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ cooling magma = large crystals (coarse grained/coarse texture)

Rough

Cooling and hardening of magma inside the earth’s crust

Classified by Mineral Composition:

Mafic describes \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ colored rocks because of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ silica.

Ex: Basalt & Peridotite

Felsic describes \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ colored rocks because of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ silica.

Ex: Granite & Rhyolite

Makes up most of the earth’s oceanic crust (i.e. Basalt).

**Classified by Texture:**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_cooling lava = small crystals (smooth texture/fine-grained)

Smooth

Cooling and hardening of lava outside the earth’s crust.