**Igneous Rock**

forms when Molten rock COOLS and Changes into crystals = Crystallization

**LAVA**
Molten Rock ABOVE Ground

**MAGMA**
Molten Rock BELOW Ground

**CRYSTALLIZATION**
Molten rock COOLS and Changes into a solid made of CRYSTALS

Cooling rate determines the size of the crystals

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**2 Types of Igneous Rocks**

**EXTRUSIVE**
EX = out
Molten Rock cools RAPIDLY Above Earth’s Surface

RAPID COOLING = Small Crystals
Small Crystals = Fine Texture or NO Crystals = Glassy Texture

**INTRUSIVE**
IN = in
Molten Rock cools SLOWLY Deep UNDER Ground

SLOW COOLING = Large Crystals
Coarse Texture
Crystals are Visible