Classification of Igneous Rocks

Classified or Grouped by Crystal Size (texture) and Composition (elements it is made from)

- **Felsic Rocks**
  - LIGHT COLORED: pink, light grey
  - LOW DENSITY: Light weight
  - Made of light elements:
    - Si = Silicon
    - Na = Sodium
    - K = Potassium
  - SLOW THICK GOOEY: Magma
  - SLOW THICK GOOEY: due to LOW temperature and High SILICA Content
  - Felsic Rocks are found mostly on Continents
  - GRANITE is the KING of Continents

- **Mafic Rocks**
  - DARK COLORED: red, black, dark grey
  - HIGH DENSITY: Heavy Weight
  - Made of HEAVY elements:
    - Fe = Iron
    - Mg = Magnesium
  - FAST and RUNNY magma
  - THIN magmas Fast Running due to HIGH Temperature and LOW SILICA Content
  - Mafic Rocks are found mostly on Ocean Floor
  - BASALT is the KING of the Ocean Floor

- **Intermediate Rocks**
  - are a MIX of Felsic and Mafic Rocks