* **The Earth’s crust is mode of two things:**
  + Minerals are \_\_\_\_\_\_\_\_\_\_\_\_\_\_crystals of all the same \_\_\_\_\_\_\_\_\_\_.
  + Rocks are combinations of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
* **Main Concept: Minerals are the building blocks of \_\_\_\_\_\_\_\_\_\_\_\_\_\_.**
  + Four main properties of minerals:
    - It must occur \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
    - It must be made of \_\_\_\_-\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ materials.
    - It must have a definite \_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_.
    - It has a \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
* **List two examples of minerals:**
  + \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* **Minerals can form in two ways:**
  + From \_\_\_\_\_\_\_\_\_\_\_\_ dissolved in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
  + From cooling \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
* **Minerals and Crystals from Magma and Lava**
  + Extrusive Cooling=Fast Cooling = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ crystals.
  + Intrusive Cooling=Slow Cooling= \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ crystals.
* **Mineral Crystal Size**
  + Granite has \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_crystals=cooled \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
  + Rhyolite no individual crystals=cooled \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
* **Minerals formed by Evaporation**
  + Some minerals form when mixtures \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
    - Longer evaporation = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ crystals.
      * Examples:
        + \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
        + \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
        + \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* **How do we identify Minerals?**
  + The use of Physical and Chemical Properties:
    - Luster \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
    - Streak \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
    - Crystal Shape \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
    - Hardness\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
    - Color\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
    - ETC \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* **Special Properties can include:**
  + \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
  + \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
  + \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**QUESTIONS YOU HAVE ABOUT MINERALS?**