Define inorganic:	Anything that is not a part of or comes from something that was once living Examples of Inorganic things: plastic, steel, glass & minerals ☺
Define organic:	Anything that is a part of or comes from something that was once living Examples: paper, fossil fuels (coal), animals, people, plants
Coal is organic & NOT a mineral. Why?	It comes from the remains of plants that lived millions of years ago.
Define crystal:	Repeating pattern of a minerals particles that form a solid; has flat sides and sharp edges with corners (Like Rock Candy)
How are minerals related to rocks?	ALL rocks are made of minerals.
The Rock-forming Minerals	The minerals that make up most of the rocks of Earth's crust.
Rules of being a minerals:	1. **Naturally occurring**- not man made 2. **Inorganic**-doesn't come from living things 3. **Solid**-particles are packed together tightly 4. **Crystal structure**-repeating pattern of minerals, similar to "rock candy" 5. **Definite chemical composition**-minerals always contain certain elements in definite proportions. Like Water H2O = 2 Hydrogens and 1 Oxygen Examples of Minerals: Quartz, Mica, Diamond, Talc, Topaz Non-Examples: Granite, Pumice, Gneiss, Coal, Slate, Plastic, Steel, Glass
Physical Properties of Minerals	1. **FRACTURE** describes how a mineral looks when it breaks in an irregular way. 2. **CLEAVAGE** describes how a mineral looks when it breaks along flat surfaces. 3. **LUSTER** describes how light is reflected from the mineral's surface. 4. **STREAK** describes the color of the mineral's powder that is left behind when it is rubbed across a rough surface. 5. **HARDNESS** measured on Mohs Hardness scale is the ability of a mineral to be scratched. 6. **DENSITY** a calculation—use a balance to find the **mass,** then place the mineral in water to find the amount of water it displaces (this is the **volume** of the mineral) to find the density divide the mass by volume. 7. **Color** used to show similarities & differences between minerals; NOT a good test for determining an unknown minerals because many different minerals can be the same color!