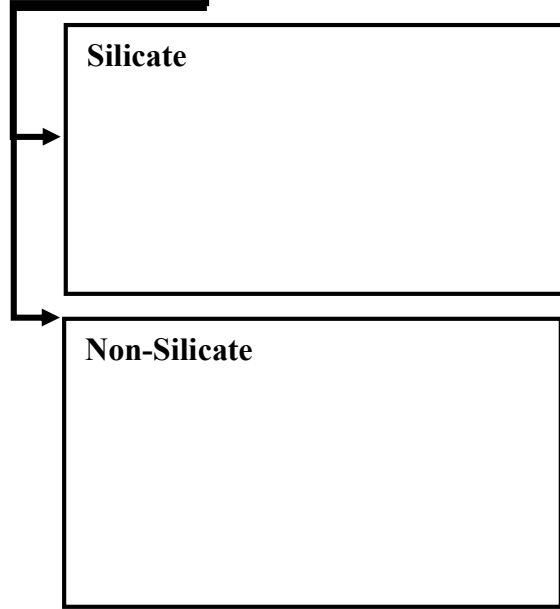
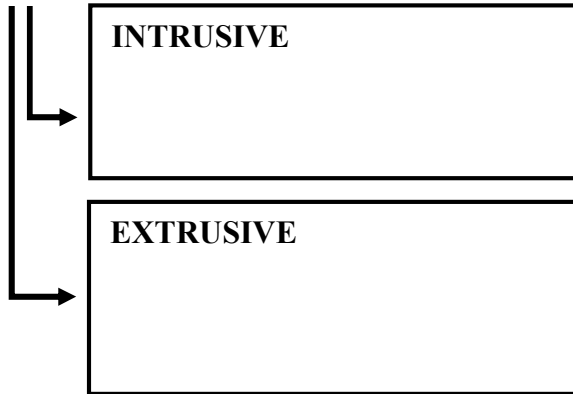


Rock Box Challenge

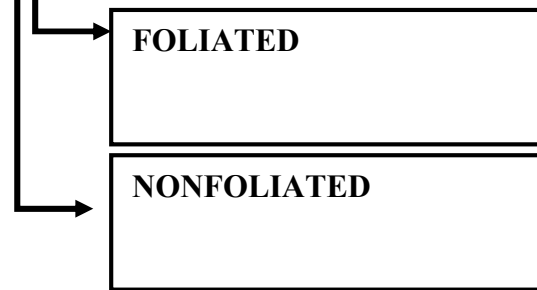
MINERALS



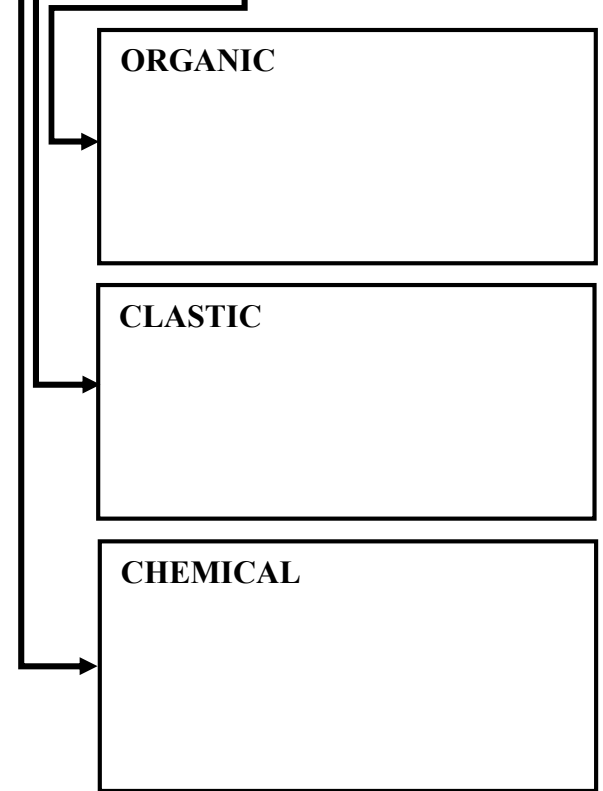
IGNEOUS



METAMORPHIC



SEDIMENTARY



Classify each of these in the correct box based on its classification. Use the samples and information provided in the room as well as online or in printed resources.

* = Used in more than one box.

Agate
Azurite
Basalt
Bauxite
Breccia

Calcite
Chert
Coal
Conglomerat
Copper

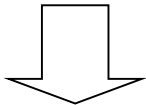
Fluorite
Gabbro
Galena
Geode
Gneiss

Granite
Graphite
Gypsum*
Halite
Hematite

Limestone*
Marble
Mica
Obsidian
Pumice

Pyrite
Quartz*
Quartzite
Rhyolite
Rock Salt

Sandstone
Schist
Shale
Slate
Sulfur



ROCKS & MINERALS - Use the class notes to complete this section.

MINERALS - Building _____ of rocks

- _____ occurring, _____ chemical _____
- Can be classified by many characteristics, such as crystal _____, _____, _____ composition, _____, _____ & _____.

IGNEOUS - Rocks formed from _____

- _____ rocks form from _____; cools slowly underground and has _____ crystals; can often see the different _____, which depends on chemical composition
- _____ rocks form from _____ that cools quickly above ground; has _____ crystals, which makes it look like the same _____ throughout.

SEDIMENTARY - Rocks formed from _____ or other compounds

- _____ rocks form from sediments that have been _____ or _____ together; may find _____ between the layers
- _____ rocks form as dissolved minerals in a solution crystallize to form rock or form from chemical _____.
- _____ rocks form from the remains of living things that have been compacted or cemented together

METAMORPHIC - Rocks changed by great _____ and _____ or chemical _____

- _____ rocks have visible bands or layers, such as sedimentary rocks with _____ (layers)
- _____ rocks do not have visible bands or layers