

Minerals Unit: Master Materials List

To complete this unit, you will need these common, household items.

- several clear drinking glasses
- food coloring
- water
- a spoon for stirring
- a glass jar
- several pennies or a piece of copper pipe
- your fingernail
- an iron nail
- an unglazed porcelain tile or mineral streak plate
- table salt
- coarse or rock salt
- a magnifying glass
- a hammer
- colored tape, labels or dots for marking items. Office supply stores carry adhesive, colored dots that work perfectly for this.
- a disposable plastic or paper cup
- epsom salts
- a refrigerator
- paper towels
- orange juice
- a freezer
- a spoon

You will also need some mineral specimens to work with. I suggest at least four or five from the following list.

- quartz (crystal, milky, rose, amethyst, citrine)
- calcite
- gypsum
- pyrite
- galena
- hematite
- mica (muscovite, biotite)
- feldspar (plagioclase, orthoclase)
- fluorite
- corundum