Minerals are naturally occurring substances formed by geological processes. They are usually solid and have a crystalline structure. Examples of some minerals are calcite, gypsum, halite, pyrite, gold, quartz, diamond, ruby, metallic, fluorite.

Directions: Choose one mineral to study. Complete the table below for the mineral you choose.

Mineral name:	
Color:	Luster:
Weight or hardness:	Cleavage:
Streak color:	Transparency:

Words to use for luster:

Words to use for crystal shape:

Words to use for cleavage:

perfect 1 way: breaks in one perfect cleavage plane
perfect 2 ways: breaks into elongated forms (shapes) 90 degree angles
perfect 3 ways: breaks into pieces that look like perfect boxes
no cleavage: does not break regularly

Words to use for transparency:

transparent: light can pass through and see clearly thru, called "gemmy"
translucent: light passes through but it is not clear, cloudy