Name **Period** **Date**

UNIT	HANDOUT
2	_____

Mineral Groups

Objective: Know how minerals are grouped; know common groups, their characteristics, and examples of minerals in each group.

Minerals are grouped by chemical composition.

Scientists classify minerals into groups by their _____. There are several groups each with its own characteristics.

The most common group is the _____. All the minerals in this group contain _____ and _____ joined together. These two elements are the most common in earth's crust. As a result, they form about _____ percent of the rocks in the earth's crust. Common examples include _____, _____, and _____.

Another mineral group is the _____. All minerals in this group contain _____ and _____ bonded together. _____ is a common carbonate mineral. It can be found in seashells and is a major component of limestone rock.

A third group is the _____. All oxides contain _____ bonded to a _____. Most ores are obtained from this group of minerals.

There are several other groups as well. Complete the table below as the information is given to you.

Mineral Group	Formula contains.	Element Symbols
	Oxygen and silicon	SiO
Carbonates		
	Oxygen and metal	
Sulfides	Sulfur	
	Sulfur and oxygen	
	One element	Varies