

Title: Cartoon Chemistry

Introduction: As the periodic table was developed and it became clear than it helped us understand groups of elements with similar properties, scientists named the groups. In this activity you will use the family names and compare their properties. You will also make a cartoon to illustrate the properties of one of the groups.

Materials: Textbook, colored pencils or markers.

Procedures:

1. Use your textbook to help fill in the chart below to learn about the characteristics of each group. Write the characteristics you think are most important to compare on the headings of each column.
2. On the back of this paper, draw a color cartoon depicting a “typical member of a family (group)”. Give your cartoon element appropriate personality. Think about what it looks like and how it reacts...you can have it reacting with other elements to show this. Add props/scenery or other backgrounds.

Data:**Characteristics**

Family				
Alkali metals				
alkaline earth metals				
Halogens				
noble gasses				

Cartoon

Which group? _____

