

## Building Compounds 1 Dot at a Time



### The What:

Today you are going to use your best construction skills to build a compound using a formula.

Remember a formula is the "recipe" for a chemical compound.

### IMPORTANT INFORMATION:

**\*DO NOT EAT ANY OF YOUR CANDY UNTIL YOU ARE TOLD BY A TEACHER\***

There are several parts to your lab today:

*Part I - Make Your Key*

*Part II - Fill out the chart to prepare to construct your compound*

*Part III - Build your compound*

Part I - Make Your Key (instructions)

\_\_\_\_\_Categorize your DOTS candy by color

\_\_\_\_\_Using the chart below, find the element name

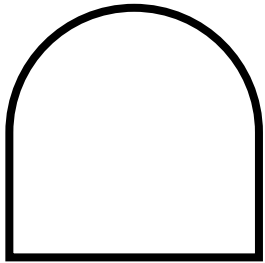
\_\_\_\_\_On the following page, match the element/color, color in the DOT  
the correct color

\_\_\_\_\_ Have a teacher check your key

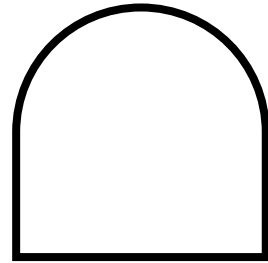
\_\_\_\_\_Move on to Part II

| <b>Element Name</b> | <b>DOT Color</b> |
|---------------------|------------------|
| Oxygen              | RED              |
| Hydrogen            | ORANGE           |
| Chlorine            | YELLOW           |
| Calcium             | GREEN            |
| Carbon              | PINK             |
| Sodium              | BLUE             |

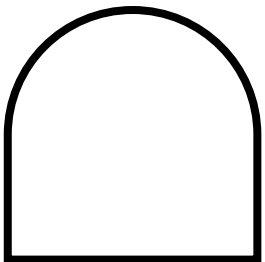
Construct a Compound KEY



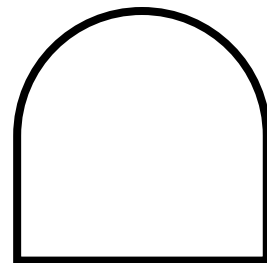
ELEMENT: OXYGEN



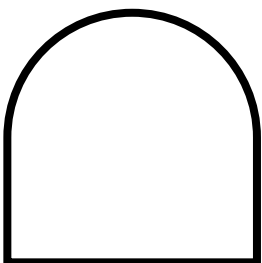
ELEMENT: HYDROGEN



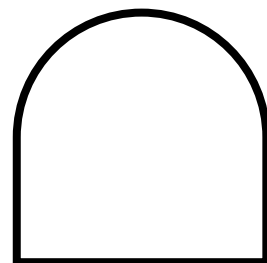
ELEMENT: CARBON



ELEMENT: SODIUM



ELEMENT: CHLORINE



ELEMENT: CALCIUM

