**Instructions for covalent bonding:**

1. Write the symbols for each element
2. Use colored cereal to create the Lewis dot structures for each element (use one color for each element)
3. Rearrange the electrons (cereal pieces) to pair up electrons from each atom (each element wants to fill its outer shell!)
4. Draw circles to show the sharing of electrons (each circle should have 8 electrons in its circle…except H and He!)
5. Use colored pencils to draw the electrons as you remove the cereal pieces (use a different color for each element)
6. Draw the bond structure using symbols and lines (line model). Use one line for each pair of electrons that is shared (one shared pair of electrons = single bond; two shared pairs of electrons = double bond, etc)
7. Write the chemical formula for each molecule

**Instructions for covalent bonding:**

1. Write the symbols for each element
2. Use colored cereal to create the Lewis dot structures for each element (use one color for each element)
3. Rearrange the electrons (cereal pieces) to pair up electrons from each atom (each element wants to fill its outer shell!)
4. Draw circles to show the sharing of electrons (each circle should have 8 electrons in its circle…except H and He!)
5. Use colored pencils to draw the electrons as you remove the cereal pieces (use a different color for each element)
6. Draw the bond structure using symbols and lines (line model). Use one line for each pair of electrons that is shared (one shared pair of electrons = single bond; two shared pairs of electrons = double bond, etc)
7. Write the chemical formula for each molecule

**Instructions for covalent bonding:**

1. Write the symbols for each element
2. Use colored cereal to create the Lewis dot structures for each element (use one color for each element)
3. Rearrange the electrons (cereal pieces) to pair up electrons from each atom (each element wants to fill its outer shell!)
4. Draw circles to show the sharing of electrons (each circle should have 8 electrons in its circle…except H and He!)
5. Use colored pencils to draw the electrons as you remove the cereal pieces (use a different color for each element)
6. Draw the bond structure using symbols and lines (line model). Use one line for each pair of electrons that is shared (one shared pair of electrons = single bond; two shared pairs of electrons = double bond, etc)
7. Write the chemical formula for each molecule