

Ionic & Covalent Bonding Notes

Glue this side
down into your
science notebook.

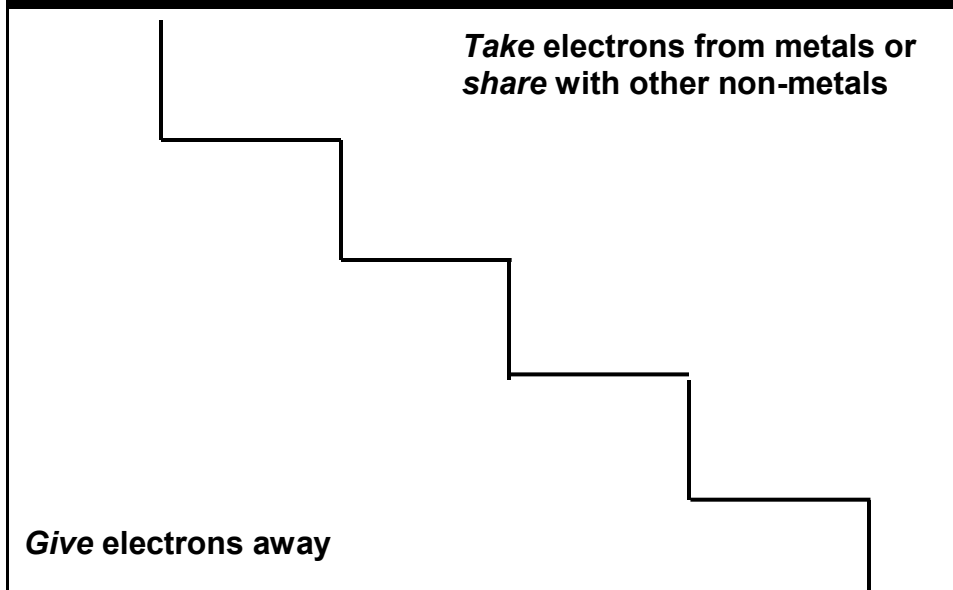
“A dot is a lot!”

[Smart Board Activity Link](#)

Liz LaRosa
5th grade science
www.middleschoolscience.com
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Metals

Non-Metals



Octet Rule - A valence shell with 8 electrons = a happy atom




Ionic Bonds

Covalent Bonds

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Ionic Bonds - electrons are given away

1. Bonds formed between Metals+ Non Metals.
2. Draw the Lewis Structure for each element in the box on the left.
3. In the box on the right, show how they bond.

Before Bonding	After Bonding
 <p>Na Cl</p>	
 <p>Li Br</p>	
 <p>Mg O</p>	

Covalent Bonds - electrons are shared

1. Bonds formed between Non-Metals.
2. Draw the Lewis Structure for each element in the box on the left.
3. In the box on the right, show how they bond.

Before Bonding	After Bonding
 <p>H Cl</p>	
 <p>H O</p>	
 <p>H C</p>	