

# Atomic Models

**Step One:** Draw the dot structures to determine single, double or triple bonds

**Step Two:** Draw the compound in 2-D from (example H-Cl)

**Step Three:** Make the 3-D model

**Step Four:** When complete, have the teacher initial your dot, 2-D and 3-D atomic models

Compound	Dot	2-D	Initials
Water H <sub>2</sub> O			
Ammonia NH <sub>3</sub>			
Methane CH <sub>4</sub>			
Sodium Chloride NaCl			
Sodium Hydroxide NaOH			
Ethane C <sub>2</sub> H <sub>6</sub>			
Ethene C <sub>2</sub> H <sub>4</sub>			
Ethanol C <sub>2</sub> H <sub>6</sub> O			

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## Extra Credit

Compound	Dot	2-D	Initials
Hydrogen Peroxide $H_2O_2$			
Carbon Monoxide CO			
Hydrogen Cyanide HCN			
Sulfur Dioxide $SO_2$			
Dinitrogen Tetroxide $N_2O_4$			
Cyclohexane $C_6H_{12}$			