

Name:

### **Molecular Shapes Extra Credit Project**

Construct models of 10 different molecules. You may choose the molecules you construct (look in your notes or at the various worksheets we completed to find the molecules). You must include 2 molecules that have the following 5 shapes (for a total of 10 models): linear, bent, trigonal planar, tetrahedral, and trigonal pyramidal.

Construct your models using any material like Styrofoam balls, toothpicks, Christmas ornaments that are balls, gum drops, pipe cleaners, ect...be creative!

Your models can be a mobile or can be individual (like Christmas ornaments)! Please label each model with the formula, shape, bond angle, and hybridization. Complete the following table and turn it in with your models.

Formula	Dot Structure	Shape	Bond Angle	Hybridization
		Linear		
		Bent		
		Trigonal Planar		
		Tetrahedral		
		Trigonal Pyramidal		
		Linear		
		Bent		
		Trigonal Planar		
		Tetrahedral		
		Trigonal Pyramidal		