

1. Make a model of CH_4
 - a. Draw a picture of it – try to include all the aspects of the model – show its 3D structure, and bond angles. Compare your picture with others around you – do they look the same?

2. Now make a model of C_2H_6 , draw a picture of it. Compare your picture with others around you – do they look the same? Are they easily recognizable as the same thing?

3. What if you wanted to draw a “quick” picture of the structure. What would that look like? (draw it)

4. Now draw a Lewis structure for CH_4 and C_2H_6
Compare to your neighbors – do they look the same? Why or why not?

5. What information is missing from a Lewis structure?