Procedure: We did many different things to complete this lab. First of all we read the directions and saw that before we did anything we needed to find out what the parts represented. We found that the balls are the atoms, the sticks are the bonds, and that the springs are the double bonds. We then made a color key showing that the red balls were the oxygen, the black was the carbon, the blue was the nitrogen, and that the yellow was the hydrogen. We then moved on to task two and made a model of a methane molecule with our model building set. We then recorded our data on an organized table. We continued to make models of the ethane, propane, and butane molecules and recorded that data as well. We then made more models of the four functional groups: methyl alcohol, ethyl alcohol, methaldehyde, and ethanoic acid. We then made models of an amino acid, and then joined two together by the process of dehydration synthesis in task seven. We then demonstrated the process of hydrolysis by separating the amino acids. Finally, we constructed a model of a glucose molecule and finished up our data table.