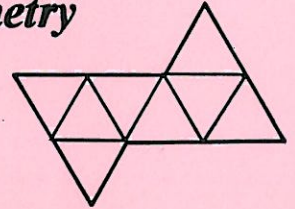


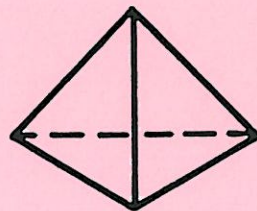
*Surface Developments, CAD, Engineering, 3D Geometry*  
&  
**Mobiles, Mobiles, Mobiles**



Use the applications of Surface Developments, Pattern Design, and CAD to develop a series of 3D geometric models. Use hexahedron (cubes), icosahedrons, octahedrons, tetrahedrons, etc. Develop patterns of these models using CAD, plot them out on colored construction paper, cut them out, fold and assemble. Create labels that can be attached to each geometric model what type it is.

Using the models create a Mobile that could be hung from the ceiling. The Mobile must have at least **THREE** different types of geometric models and they must be of at least **THREE** different sizes. There should be at least **SIX** total individual models on your completed Mobile. See how creative you can be, the more models the more interesting your Mobile will be. Use multiple colors to enhance your finished project also.

ICOSAHDRON



HEXAHDRON

TETRAHDRON

