**Understanding Cubes**

1. Choose three different cubes. Find the mass of each cube.
2. On your poster, draw a model of each cube. Label the mass of the cube and the material you think it is made from. **Your diagram should show a visual representation, or a model, that explains why the cubes have a different mass.**
3. Provide a brief explanation of your model. Use science vocabulary to make it clear. If you don’t know the science vocabulary, explain the concept in your own words.
4. Research the unit for DENSITY. Calculate the density of each cube using this unit. Show work and include units

**Grading:**

**23-25 points** – poster complete, all directions followed, neat, and clear.

**20-22 points** – poster mostly complete, with main ideas understood.

**17-19 points** – Poster shows only limited understanding; directions partially followed.