Product Explanation Sheet  
Drawing to Scale

I will create a scale drawing of an object of my choice on 1 centimeter or 1 inch grid paper by choosing an appropriate scale.

Materials:
• Ruler and/or measuring tape  
• Pencil  
• Grid paper  
• A 3-dimensional object that is wider and/or taller than your piece of grid paper.  
  For example: a desk, a chair, a binder, a poster, a shoe

*Note: Position yourself directly in front of your object. Make your scale drawing from that perspective.

Steps:
• Decide if you want to use centimeters or inches.  
• Measure the height and length of the object.  
• Write down the measurements of the object at the top of your grid paper.  
• Look at your piece of grid paper and your object. What might be the best scale? (1:2, 1:3, etc.)

*Hint: Divide the width and length of your object by 2. This will give you how many squares you’ll need. Count the number of squares that make up the length and width of the grid paper. Will your object fit on the paper? If so, use the scale 1:2. If not, try 1:3 by dividing by 3 or 1:4 by dividing by 4.

• Using the best scale, draw your object on the grid paper.

Decide if you have accurately completed the product by referring to the evaluation rubric.