	Date:	Class:
Choc	osing a Scale Worksho	eet
Measure and record important d The dimension column might incl	limensions of your object. Pick app lude height, length, width, radius, on the units column indicate the units	ropriate units and record them. etc. In the <i>measurement columr</i>
Note: You do not necessarily need need to build an accurate model.	d to fill in all rows; just make sure y	ou get all the information you
Dimension	Measurement	Units
	alculate the scaled dimensions of the	
	alculate the scaled dimensions of the ould potentially use for your project	
		ct.
different scale factors that you co	ould potentially use for your project Original Measurement	Scale factor: Scaled Measurement
different scale factors that you co	ould potentially use for your project Original Measurement	Scale factor: Scaled Measurement
different scale factors that you co	ould potentially use for your project Original Measurement	Scale factor: Scaled Measurement
different scale factors that you co	ould potentially use for your project Original Measurement	Scale factor: Scaled Measurement
different scale factors that you co	ould potentially use for your project Original Measurement	Scale factor: Scaled Measurement
different scale factors that you co	ould potentially use for your project Original Measurement	Scale factor: Scaled Measurement (indicate units)

3. Consider the scaled measurements you calculated for the two different scale factors and decide which is more reasonable to use for your final project. Explain your logic.

Name:	Date: _	Class:	

- 4. **Engineering Drawings:** Now that you have chosen an object and a scale factor for the final project, produce engineering drawings of your object.
 - Make at least two different drawings, such as views of different sides, base or top of the object.
 - Do all the drawings on graph paper.
 - Pick a scale for your drawing. Choose a scale so that the object fits on one piece of paper and takes up most of the paper. Example drawing scale: one graph paper square = 1 inch.
 - Include on your drawing your name, drawing title and scale.
 - See the teacher-provided example engineering drawing, which is also reproduced below in smaller scale.

