

Name:

Date:

Class Block:

## Miniature Missiles

Directions: This assignment includes 2 parts. Each person will design your assigned missile in 3-D (using a program such as SolidWorks or Google SketchUp) or on graph paper. Your group will then create a scale model of your missile using modeling clay.

1. Name of missile: \_\_\_\_\_
2. Dimensions of the missile: (Use the handout "Types of Missiles").  
\_\_\_\_\_ length \_\_\_\_\_ width \_\_\_\_\_ height
3. To complete the drawing and the model, use a scale of 4 ft to 1 in. Convert the dimensions of the missile for the drawing and model.  
\_\_\_\_\_ length \_\_\_\_\_ width \_\_\_\_\_ height
4. Use the PowerPoint with the different models of missiles. Create a model using modeling clay of the missile to scale.

Evaluation:

1. Scale drawing (individual assignment)
2. Model of missile (group assignment)