

Name:

Date:

Class:

Design Engineering Student Worksheet



Using the 24 pictures above, answer the following for each picture:

1. Identify the object's name and plausible function.
2. What is a probable size/scale for the object? Nano-, micro- or macro?
3. Describe the shape and material composition of the parts in the objects.
4. How are the parts consistently engineered?
5. Define "model" and "prototype."
6. Is the object a model or a prototype?
7. How does the design shape and materials support the function of the object?