

Science Notebook

Objects and Pieces

Let's experiment first with what we mean by objects and pieces. *How would you define "object"? How would you define "pieces"?* Share your answers with the class.



An **object** is the thing we want to create. We create this by using small **pieces** to build that object. Sometimes we can break down an object and use the same pieces to build, or **reassemble**, a different object. Engineers can improve their models by reassembling the pieces in their design.

Draw the starting object from the board with the different pieces included. Draw all the pieces used to make the first object by themselves in the middle. Using the pieces in the middle, draw a new object.

Object

Pieces

New Object

Characteristics

Size:

Shape:

Characteristics

Size:

Shape:
