

You must **create a product** that demonstrates your understanding of the following big ideas. After I review your product, you will **explain** these ideas in an interview.

Assessment categories:

1. Name a specific **single-celled** organism and describe how they make more of themselves. [Include diagrams, and name the type of reproduction.]
2. Name a specific **multi-celled** organism and describe how they make more of themselves. [Name the type of reproduction.]
3. Draw or make a model of a cell. (Include the following parts: **nucleus, genes, chromosomes.**) Indicate which part of the cell is basically your **traits**.
4.
 - A. Explain where **your** traits came from. Include the following terms: sex cells, stem cell, sexual reproduction, chromosomes, genes.
 - B. Include a diagram showing how **your** first cell was formed. (Label this diagram, including what the parts are shown, and how many of each part there are.)