

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.

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**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.**)
4. Explain the following:
  - a. Name the part of your cell that is basically your traits.
  - b. Explain where **your** traits came from. [Quality explanations will include **all** of the following terms: sex cells, stem cell, sexual reproduction, chromosomes, genes.]