

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

Assessment categories:

I. Natural selection and adaptations:

Describe the process of **natural selection**. Explain the role of **mutations** in this process. Name **physical** and/or **behavioral adaptations** your organism has developed. Describe what **limiting factor** in your organism's ecosystem could have pressured this change to occur in your organism over time.

II. Photosynthesis:

Describe the process of **photosynthesis**. Explain why photosynthesis is important to **your** organism.

III. Food chains and food webs:

Create both **food chains** and **food webs** that include **your** organism. Explain how both **matter** and **energy** move through the ecosystem.