

Biome Diorama Project

V-SCI

1. Create a **Diorama** of a Biome on Earth.
2. Create a **Key** to summarize some characteristics of **your** present day biome.
3. Include several physical **Abiotic** and **Biotic** factors.
4. Illustrate **3 Symbiotic Relationships** and Explain in your **Key**.
5. Predict the future due to **Climate Change**.

Select one or more of the following below:

- Summarize possible abiotic, biotic and symbiotic changes due to climate change in a paragraph.
- Create abiotic, biotic and symbiotic changes within your biome to actually show the before and after differences.

SCI. 6-8.LS.03.02

Life Science Standard: Ecology : Describe and analyze the interactions, cycles and factors that affect ecosystems

Learning Target 02: Understand that the world contains a wide variety of biomes that have different characteristics. These characteristics meet the needs of both living and nonliving parts of that biome.

4 Rigor:	3.5 Rigor:	3 Rigor	2.5 Rigor	2 Rigor	1
Predict what would happen to a biome if there were an extreme temperature change in the span of 20 years.	Independently: Understands how the biome uses the below terms to create a symbiotic system. (biodiversity, competition, invasive species, niche, non-native, population, community, carrying capacity and population density)	With support: has the 3.5 content	Independently: Understand that biomes have different characteristics. (predator/prey; habitat, abiotic/biotic, mutualism, commensalism, parasitism, symbiosis, limiting factors)	With support: has the 2.5 content	Does not have the 2.5 content even with support

100-----90-----85-----80-----75----->