# Biome Diorama Project

v-sci

1. **Create** a **Diorama** of a Biome on Earth.

2. **Create** a **Key**  on *SLIDES* 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 populations of your biotic factors due to **Climate Change**.

| SCI. 6-8.LS.03.02 | | | | | |
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| **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 | Independently: Understands how the biome uses the below terms to create a symbiotic | With support: has the 3.5 content | Independently: Understand that biomes have different characteristics. | With support: has the 2.5 content | Does not have  the 2.5 content even with support |

| temperature change in the span of 20 years. | system. (biodiversity, competition, invasive species, niche, non-native, population, community, carrying capacity and population density) | | (predator/prey; habitat, abiotic/biotic, mutualism, commensalism, parasitism, symbiosis, limiting factors | | |
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100------------90---------------------85-------------------80----------------75---------->