**Pollinators Module 1**

**Driving Question(s):**

Of what value are pollinators to an ecosystem?

Of what value are pollinators to humans?

Of what value are pollinators to our garden?

**Sub-Driving Questions:**

* Why are pollinators declining?
* Who are pollinators?
* Why should we care about the decline of pollinators?
* What is pollination?
* What are the parts of a flower?
* How do fruit and seeds develop?

**Overview:**

This module has students investigating the decline of pollinators, specifically bees. Students will become familiar with various other pollinators. Students will develop an understanding of why pollinators are important to people. Students will set up a science notebook. Students will learn about the parts of flower, pollination, and how fruit and seeds develop.

**Major Products & Performances:**

* Analyzing text
* Science notebook
* Diagrams/models
* Flower dissection

**Teacher Background:**

Pollinators including bats, hummingbirds, and insects such as bees, butterflies, and beetles collectively are responsible for pollinating 33% of the foods we enjoy! Pollination is perhaps one of the most “taken for granted” of ecosystem services, in which pollinators transfer pollen from the anther to the stigma of flowers, in turn producing a fruit with seeds.

**Key Terms:**

pollination

pollinators

pollen

stigma

pistil

anther

filament

stamen

adaptation

flower

nectar

abdomen

thorax

proboscis

pollen basket

hind wing

fore wing

antenna