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**Pressed Flower Prints!**

**Learning Objectives:**Students will explore and identify the reproductive anatomy of flowers and understand the process of pollination by collecting colorful flowers around their neighborhood and pressing them to make greeting cards with!

**Supplies**:

* Collected flowers from neighborhood/ home
* Heavy book
* Glue or tape (modge podge is best)
* Paper
* Coloring Materials
* Paper Towel

**Plan**:

1. Review Parts of a Plant: *see diagram* and review parts:
	* **roots** stabilize the plant and absorb water;
	* **stems** hold the plant up, connect all the parts, and transport water and nutrients;
	* **leaves** are the food factories of the plant- collecting sunlight and performing photosynthesis to create energy, they also produce oxygen for us to breathe (!);
	* **flowers** attract pollinators and eventually produce **seeds**;
	* **fruits** are the suitcases of seeds, protecting them until they’re ready to grow; seeds produce more plants and continue the life cycle!
2. Today we will be focusing on the **flower!** *How do flowers help a plant grow?* Flowers are the reproductive parts of plants that eventually make seeds and start a new plant life cycle.
3. Watch [Flower Anatomy & Pollination Youtube Video Link](https://www.youtube.com/watch?v=SiFaN2xQg5g) to study basic functions and parts of a flower.

Parts of a flower:

* *Sepals-* protects flower before it blooms
* *Petals-* provides a landing pad for insects and attracts with bright colors
* *Pedicel-* stem of a flower, hold individual flowers in place
* *Receptacle-* holds major organs
* *Nectar Guide-* directs insect towards nectar in center of flower
* *Pistil: Stigma, Style, & Ovary-* **female part**
	+ *stigma* is sticky to receive pollen
	+ *Style* long stalk
	+ *Ovary* base of flower that holds eggs, contains *Ovule-* where seeds are made
* *Stamen: Anther + Filament-* **male part-**
	+ pollen is on *anther,*
	+ *filament* attaches *antler* to flower
	+ 

4. Making Flower Prints!

* **Step 1**: Explore your home, backyard or neighborhood to find a pretty flower!
* **Step 2**: Look closely at the flower to identify the *sepals, petals, nectar guide, pistil & stigma, stamen & anther,* and *ovule!*
* **Step 3:** Gather supplies!
* **Step 4:** PRESS! Lay your flower down on a paper towel or napkin and press gently. Then place your heavy book on top of the flower for 5 minutes.
* **Step 5:** While you wait for your flower to press, fold a piece of paper to make a greeting card and decorate it as you’d like!
* **Step 6:** Uncover the flower and glue or tape onto your greeting card! *Can you label the parts?*