



Unit 4: The Power of Pollinators

Week 5: What makes a plant and a pollinator a good match?

Dear Families,

This week in second grade we are learning about how certain plants and pollinators are interdependent. Try one of these activities with your child each day. Mark the activities you do, and have your child return this sheet to school at the end of the week.

<p>Make an observation <input type="checkbox"/></p> <p>This week we watched clips from the video “Wings of Life” to see pollinators in action. Watch some of the other videos from this series to observe different creatures pollinating: nature.disney.com/wings-of-life</p>	<p>Talk about... <input type="checkbox"/></p> <p>... what you saw in the videos or what you know about pollinators and pollination. What questions do you still have? Where could you find some of the answers?</p>	
<p>Tell a story <input type="checkbox"/></p> <p>Imagine yourself as a pollinator out in the world, and describe your adventures. What do you see? What do you eat?</p>	<p>Read together!</p> <p>at least 20 minutes every day</p> <p>Record your reading on the back of this page.</p>	<p>Use math ideas <input type="checkbox"/></p> <p>A hummingbird can flap its wings up to 200 times each minute. How many times can you flap your arms in a minute?</p>
<p>Explore science and engineering <input type="checkbox"/></p> <p>Continue to observe and sketch your growing bean seeds. If you haven’t started this experiment yet, try it now!</p> <p>You will need: two paper towels, a small plastic bag, and a few dried beans (any kind). Wet the paper towel and slide it into the plastic bag. Place the beans on the paper towel, and then place another wet paper towel on top. Leave the bag open a bit and put it in a sunny place.</p>	<p>Play with words <input type="checkbox"/></p> <p>Make a picture that incorporates as many of this week’s words as possible.</p> <p>disperse mutual species essential slurp spread locate transfer</p>	

Child’s name _____ Family member’s name _____



disperse

verb

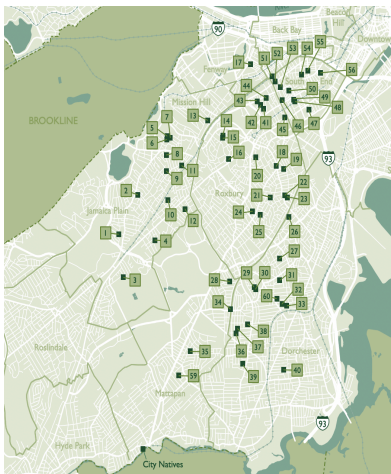
<https://www.britannica.com/topic/milkweed-floss>



essential

adjective

<https://dienamics.com.au/blog/toothbrush-overview-design-process/>
<http://pollinatorpartners.ksdot.org/WhatIsPollination.html>



locate

verb

<https://thetrustees.org/wp-content/uploads/2020/07/boston-community-gardens-map.pdf>



mutual

adjective

<https://www.cbsnews.com/video/student-pen-pals-help-senior-citizens-cope-with-coronavirus-isolation/>



slurp

verb

<https://www.nytimes.com/wirecutter/reviews/best-reusable-straws/>,
<http://the-butterfly675.blogspot.com/2008/06/the-butterfly-proboscis.html>



species

noun

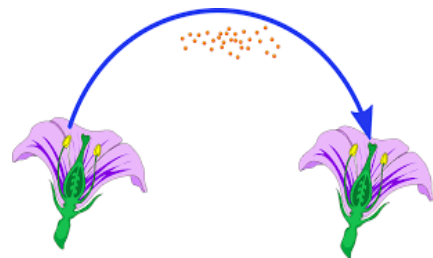
<https://www.sciencenewsforstudents.org/article/scientists-say-species>



spread

verb

Illustration from the book *Miss Rumphius* by Barbara Cooney



transfer

verb

<https://www.fastweb.com/college-search/articles/is-it-worth-it-6-reasons-to-transfer>,
<https://pixabay.com/vectors/flowers-pollination-pollen-transfer-5617774/>



Unit 4: The Power of Pollinators

Week 6: Why is pollination important to people and other animals?

Dear Families,

This week in second grade we are learning about the importance of protecting pollinators. We are also beginning an exciting new project. Try one of these activities with your child each day. Mark the activities you do, and have your child return this sheet to school at the end of the week.

<p>Go outside <input type="checkbox"/></p> <p>Our final project will involve persuading local gardeners to plant to attract pollinators. Are there plants or flowers in your area? Where are places that could benefit from having more flowers or plants? Think about who you might ask to plant there.</p>	<p>Talk about... <input type="checkbox"/></p> <p>... your favorite pollinators. What interests you about them? Which plants do they pollinate? Where would you find your favorite pollinator?</p>	
<p>Tell a procedure <input type="checkbox"/></p> <p>Pretend you are a pollinator. Tell the steps in a procedure to teach other pollinators what they need to do to pollinate. Remember to include bossy, imperative verbs.</p>	<p>Read together!</p> <p>at least 20 minutes every day</p> <p>Record your reading on the back of this page.</p>	<p>Use math ideas <input type="checkbox"/></p> <p>Ladybugs eat aphids, an insect that damages plant stems. A hungry adult ladybug can eat 50 aphids a day! Create a math story problem about a ladybug eating 50 aphids for a certain number of days.</p>
<p>Explore science and engineering <input type="checkbox"/></p> <p>Continue to observe and sketch your growing bean seeds. If you haven't started a seed experiment yet, try one now! What seeds can you find and plant?</p>	<p>Play with words <input type="checkbox"/></p> <p>Tell a family member what some people are doing to protect pollinators. Use some of this week's words.</p> <p>critical extinct legislation damage food chain nourishment evolve pesticide</p>	

Child's name _____ Family member's name _____



critical
adjective

<https://blog.nature.org/science/2013/04/23/wild-pollinators-are-critical-in-keeping-our-picnic-baskets-full/>



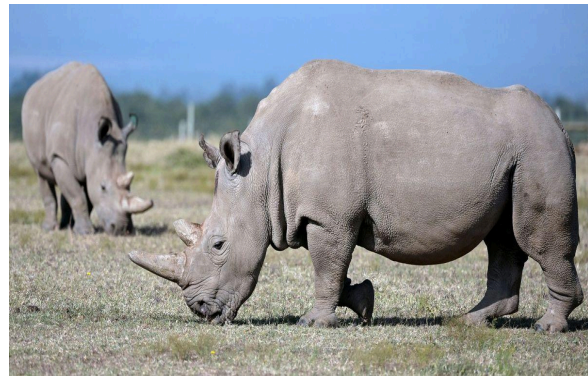
damage
noun, verb

<https://news.clemson.edu/inspectors-survey-low-country-trees-after-invasive-beetle-discovered/>



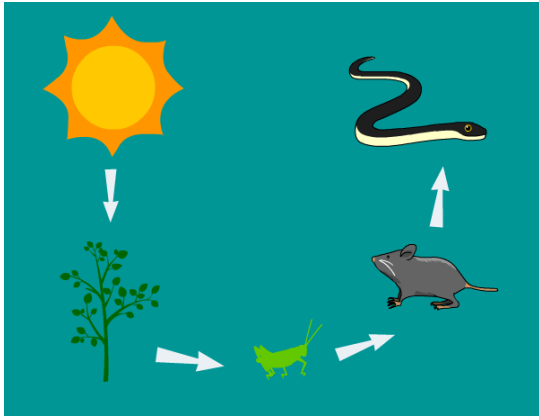
evolve
verb

<https://www.smithsonianmag.com/science-nature/ten-species-are-evolving-due-changing-climate-180953133/?page=8>,
<https://bplant.org/compare/6693-8176>



extinct
adjective

<https://www.popularmechanics.com/science/animals/g201/recently-extinct-animals-list-470209/>



food chain

noun

<https://jr.brainpop.com/science/animals/foodchain/>



legislation

noun

<https://legislature.maine.gov/lis/security-screening/9120>



nourishment

noun

<https://www.goodhousekeeping.com/home-products/g28008704/best-hummingbird-feeders/>



pesticide

noun

<https://www.sustainability-times.com/environmental-protection/two-thirds-of-agricultural-land-globally-are-at-risk-of-pesticide-pollution/>