

**CKLA Knowledge Unit Planning Template**

<p><b>Grade: Kindergarten</b>      <b>Domain Title: Plants</b></p>	
<p><b>Domain Overview:</b> Read through the Domain Introduction and respond to the questions below.</p>	
<p>Why is this domain important?</p>	<p>There are millions of living things on Earth. Scientists classify these living things into groups called kingdoms. Plants make up one kingdom in this classification system. Over 350,000 species of highly diverse plants are found on almost every part of the earth. By listening to the Read-Alouds in this domain, students will acquire a fundamental understanding of the parts of plants and how they grow. Students gain a basic knowledge of ecology and the interdependence of all living things. They will learn what plants need in order to stay alive and will be introduced to the concepts of the life cycle of plants, pollination, and photosynthesis.</p>
<p>What are 3-5 key takeaways students should have by the end of this domain?</p>	<p>L.K.5, RI.K.4</p> <p>Demonstrate an understanding of key vocabulary and multiple meaning words. - Soil, Pollination, Evergreen (Deciduous), Survival, Produce, Bouquet, Mature, Eventually, Crops, Gigantic, Bare</p> <p>W.K.2</p> <p>Compare and contrast seeds, types of trees, characters plants, and plant parts using graphic organizers.</p> <p>RI.K.1, RI.K.2</p> <p>Orally describe plant parts and function, a plant's basic needs, the importance of seeds, and life cycles based on information heard through the read-aloud.</p> <p>W.K.2</p> <p>Write and draw information from the text.</p>

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<p>How does this domain fit into the sequence of learning for the year? How does it reinforce what has been taught in previous grades or prepare students for future grades?</p>	<p>This basic knowledge about plants will lay the foundation for a broader understanding of ecology and the interdependence of all living things, topics that will be addressed in other Kindergarten domains (Farms and Taking Care of the Earth), as well as in subsequent grades.</p> <p>In this domain, student writing tasks will focus on oral communication, with the teacher acting as scribe. With teacher assistance and the use of graphic organizers, students will compare and contrast different types of plants, seeds, and how different plant parts are used by people. They will also draw pictures to communicate understanding of plant parts and the life cycle of plants.</p> <p><i>Big Ideas</i></p> <p>Plants make up one kingdom in the scientific system that classifies different living things.</p> <p>There are over 350,000 species of plants on earth.</p> <p>Plants need basic things to stay alive and grow.</p> <p>Plants have life cycles, like other living things.</p> <p>All living things are interconnected.</p>
<p><b>Domain Assessment:</b> Read through the Domain Assessment in the Teacher Guide and respond to the questions below.</p>	
<p>What key content will students need to be successful on the Domain Assessment?</p>	<p>Identify the parts of a plant (root, seed, stem, leaves, flower)</p> <p>Identify things that plants need in order to survive (water, soil, light, etc)</p> <p>Identify things that we can get from plants (flowers, fruits, vegetables, etc)</p>
<p>What key vocabulary will students need to be successful on the Domain Assessment?</p>	<p>Domain-related Vocabulary Plants, Soil, Sapling, Pollination, Seeds, Evergreen, Deciduous, Roots, Petals, Crops</p> <p>Academic Vocabulary</p>

	Provide, Gigantic, Mature, Survival, Bare
What literacy skills will students need to be successful on the Domain Assessment?	<ul style="list-style-type: none"><li>● Understanding of domain-related and academic vocabulary from the domain</li><li>● Compare and contrast images of evergreen and deciduous trees</li><li>● Students provide words and ideas during shared writing activities that include<ul style="list-style-type: none"><li>○ comparing and contrasting types of plants and their life cycle</li></ul></li><li>● Students draw in response to text in Drawing the Read-Aloud activities.</li><li>● Pausing Points and Culminating Activities provide additional opportunities for student writing</li></ul>