

Program Name: Plant Anatomy

Grade: Fourth

<p>Objective: The student will investigate and understand basic plant anatomy and life processes. Key concepts include the structures of typical plants (leaves, stems, roots, and flowers) and the processes and structures involved with reproduction (pollination, stamen, pistil, sepal, embryo, spore, and seed).</p> <p>Description: Students will learn plant anatomy as they rotate through five plant stations. The stations are roots, stem, leaves, flowers, and seeds. Each stations has a display board and activity for the students to accomplish.</p>	<p>Activities & Resources: Teacher resource notebook with lesson plan.</p> <p>Activities: Station #1, Roots: Students explore different types of roots an the #1, Roots—Students explore different types of roots and the interdependence between roots and soil.</p> <p>Station #2, Stems: Students examine stems, their function, and parts.</p> <p>Station #3, Leaves: Students learn about photosynthesis, the structure of leaves and leaf identification.</p> <p>Station #4, Flowers: Students observe and identify the various parts of the flower and their function in the reproduction of the plant.</p> <p>Station #5, Seeds: Students examine seeds, their various parts, and means of dispersal.</p>	<p>SOL's: 4.4a and 4.4b</p> <p>Format: and Requirements: Presented by the District staff or Master Gardener volunteer in the your classroom.</p> <p>Program is one hour in length and is presented to one class at a time. Students need to bring pencils. We need to set up this program in one room, because of the number of displays and have the classes rotate to that location.</p> <p>Teachers may borrow the conservation capsule (CC) for one week.</p>
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