

Title of Lesson Plan	Plants
Prepared By	Jennifer Clifton
City and State	Richton, MS
Grade Level(s)	3-5
Keywords (subjects covered)	Plant cells, the needs of plants, plant reproduction
Brief Description	Plants surround us everywhere, and the segment plant cells highlights the similarities and differences between cells in plants and animals. The needs of plants involve the process of photosynthesis that plants use to stay alive and release oxygen. Plant reproduction describe and illustrates the mechanisms that plants have developed for reproducing, while trees explain how trees differ from other plants and how they contribute to the ecosystem of the forest, dead or alive.
Total Time Required	1-2 Class Periods
Setting	Classroom
Lesson Objectives/Goals	<ul style="list-style-type: none"> • Identify and describe the parts of a plant • Differentiate between types of plants • Describe the needs of plants • Define the term photosynthesis
Materials Needed	<ul style="list-style-type: none"> • Computer with internet access • Magazines with images and descriptions of plants • Paper and Pencils • Crayons • Video of <i>All About Plants</i>
Standards Addressed	<ul style="list-style-type: none"> • Life Science • Life Skills • Language Arts
Procedure	<ol style="list-style-type: none"> 1. Discuss plants and what they need. Ask students if all plants are alike, and what they require to grow. Show <i>All about Plants</i> to give students an understanding of plants and their needs. 2. After watching the video, talk about the types of plants featured. Do all plants look alike? What needs do plants have? How do they get their food? Discuss the parts of flowering plants and the process of photosynthesis, the process by which plants make food. Talk about plants that are familiar to the students. What do they look like? Where do they grow? What are their needs? 3. Have students choose a familiar flowering plant they would like to learn more about:

	<p>tell them they will research and write a paragraph about it. Each paragraph should include the plant's common and scientific names; a description of the parts (seed, root, stem leaves and flower); its needs; and at least three interesting facts. Also, have students draw a picture with each plant part labeled. Students may use encyclopedias, books, or magazines for research. Useful websites</p> <p>http://plants.usda.gov/ http://www.botany.com http://www.plantkingdom.com/plantlist.htm</p> <ol style="list-style-type: none"> 4. Allow time in class for students to research and complete their paragraphs and drawings. Then divide the class into groups of three or four so they can share their work. Ask them to discuss within their groups the differences and similarities of the plants. 5. Ask volunteers to share what they learned from their research and group discussions. Review what students have learned about the needs of plants the parts of flowering plants and photosynthesis.
Assessment	Use a rubric to evaluate students' work during the lesson
Literature Cited/References	Discovery Education
Forestry Tour Attended	South Central 2008