

**Daily Lesson Plan**  
**(DLP)**

<b>Topic: Pant Life Cycle</b>		<b>Day: 1</b>
<b>Grade: 2-3</b>	<b>Lesson Name: Pant Life Cycle</b>	<b>Time :(60 Mins.)</b>

Topic	<b>Pant Life Cycle</b>		
Weekly key words	Seed, soil, water, germination, sprouting, etc		
Seating plan	<input type="checkbox"/> Individual	<input type="checkbox"/> Pairs	Group of 4
Skill development	<input checked="" type="checkbox"/> Reading <input type="checkbox"/> Reflection <input type="checkbox"/> Other (Specify)	<input checked="" type="checkbox"/> Writing <input type="checkbox"/> Illustration	<input checked="" type="checkbox"/> Discussion <input type="checkbox"/> Presentation <input type="checkbox"/> Collaboration <input type="checkbox"/> Observation <input type="checkbox"/> Research

<b>Objectives:</b> ➤ The students will be able to:	➤ Learn about the different steps of the plant life cycle: seed, germination (sprout), seedling, and growth into an adult plant.
<b>Teaching Resources:</b>	Seeds, container, water, writing board, notebook
<b>Teaching Learning Strategies</b>	
<p><b>Introduction: Oral Discussion:</b>          Ask students an opening question such as: What is your favorite plant? Where do plants come from? What does a seed do?</p> <p><b>Activity: 20 mins</b>          Students will plant seeds (peas, lettuce or chickpeas) that are quick starters in a variety of containers –Then, they will study the growth of their seed through the plant development process.</p> <p><b>Methodology: 30 mins.</b>          While there are different types of plants and different ways they reproduce, most plants follow the same basic life cycle. And, for most, it starts with a seed. c. Seeds come in different shapes and sizes and each is meant to grow into an adult plant.          In order to grow seeds need three things.</p> <ol style="list-style-type: none"> <li>i. Ask students if they know what the three things plants need to grow are and list them on the board: <b>nutrients (typically in soil), light, and water.</b></li> <li>ii. Tell students that inside the seed is a <b>baby plant (embryo) and some food (endosperm)</b> to help it start growing, but it needs more nutrients if it's going to become a full-grown plant.</li> <li>iii. Once a seed gets these three things it begins the next step: <b>germination or sprouting.</b>  <b>Germination happens when a small root comes out of the seed looking for nutrients.</b>          The plant continues to grow becoming a seedling as it breaks through the ground, searching for sunlight which it uses to make food.          Mention that plants use sunlight to make food through a process called photosynthesis.  <b>Write the word on the board and explain that “photo” means “light” while “synthesis” means “to make.” Thus photosynthesis means to make food using light.</b>          As the plant gets bigger it becomes an adult plant. As the plant grows it becomes taller and develops a better root system.          Ask students why they think a root system is important? (It absorbs nutrients, protects the plant, and helps the plant stay in place.)          Eventually the plant becomes big enough to make its own seeds and the cycle starts over.          plants are used for many different things.</li> </ol> <p><b>Wrap up (5mins.):</b> Wind up the lesson by asking the students if they can think of how plants are used in daily life. Answers include: food, cotton for clothing, lumber for buildings, essential oils, etc.</p>	

**Individual Work:**

Ask each student randomly to share their understanding of the first and last frost dates of the growing zone. Is it helpful for gardening in their own growing zone?

**Home Assessment:**

Write down 10 different average frost dates in major cities in their notebooks or journals.

**Worksheet (Day1)**

**Lesson Evaluation:**

- Teacher was able to accomplish all aspects of the lesson well ☐
- Teacher was not able to ..... do warm up activity ☐,
- develop lesson plan well ☐,
- do the learning activity ☐,
- do wrap up ☐,
- accomplish lesson objective ☐,
- manage time well ☐,
- manage class well ☐

**Worksheet Day**

Name: \_\_\_\_\_

Class: \_\_\_\_\_

Topic: Gardening

Subject: Science

Put the life cycle of a plant in order. Circle the stage number next to each picture.



Seed

1

2

3

4






Plant with flowers

1

2

3

4






Plant with buds

1

2

3

4






Seedling

1

2

3

4