

Lesson Plan 2: From Seed To Plant

Learning Objective:

Students learn the basic life cycle of plants and understand how crops grow.

Materials: • Plant life cycle picture cards • Small cups or pots • Potting soil • Bean seeds • Watering can or spray bottle • Crayons or colored pencils • Plant Life Cycle coloring page	Lesson Overview: 1. Introduction (10 min) 2. Lesson: Plant Life Cycle (15 min) 3. Game: Seed-to-Harvest Relay (15 min) 4. Activity: Plant a Seed (ongoing) 5. Wrap-Up (5 min) 6. Introduction (10 Minutes)
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1. Introduction (10 Minutes)

- Ask students:
 - What do plants need to grow?
 - Have you ever planted a seed?
- Show a bean seed.
- Explain:
- Plants grow through a process called a life cycle.

2. Lesson: Plant Life Cycle (15 Minutes)

- Teach the five stages:
- Seed
The seed is planted in the soil.
- Sprout
The seed begins to grow roots and a small stem.
- Plant
The sprout grows into a larger plant with leaves.
- Flower/Fruit
The plant produces flowers, fruits, or vegetables.

- Harvest
The fruits or vegetables are picked and eaten.
- Discuss what plants need:
 - Sunlight
 - Water
 - Soil
 - Air

3. Game: Seed-to-Harvest Relay (15 Minutes)

- Give groups picture cards showing each stage.
- Students work together to place the stages in the correct order.
- The first team to finish correctly wins.
- Review the correct order together:
- Seed → Sprout → Plant → Flower/Fruit → Harvest

4. Activity: Plant a Seed

- Students:
 - Fill a cup with soil.
 - Plant a bean seed.
 - Water the seed.
 - Place the cup in a sunny area.
- Students observe growth over several weeks.

5.Wrap-Up (5 Minutes)

- Review:
 - What are the five stages of a plant life cycle?
 - What do plants need to grow?
- Ask:
 - “What stage would you like to watch the most?”

Assessment: ✓ Students identify the five stages. ✓ Students place stages in order. ✓ Students participate in planting.	Extension Ideas: • Read a book about plants. • Visit a garden or farm. • Create a plant journal. • Compare different types of seeds.
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Name: _____

Date: _____

Plant Life Cycle Order

Directions:

Cut out the pictures at the bottom of the page. Glue them into the boxes in the correct order from first to last.

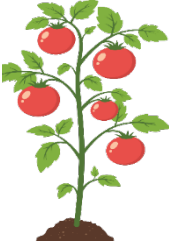
1.

2.

3.

4.

(Cut-Out Pictures)

Seed  An illustration of a brown terracotta pot filled with dark brown soil. Three small, light brown seeds are shown falling into the soil from above.	Sprout  An illustration of a brown terracotta pot filled with dark brown soil. A small green sprout with a single round seedling at the top is growing out of the soil.	Plant  An illustration of a brown terracotta pot filled with dark brown soil. A small green plant with two leaves is growing out of the soil.
Flower/Fruit  An illustration of a brown terracotta pot filled with dark brown soil. A green plant with two leaves and a single red flower with a yellow center is growing out of the soil.	Harvest  An illustration of a green plant with several red tomatoes growing on it. The plant is shown without a pot, with a small patch of dark brown soil at its base.	

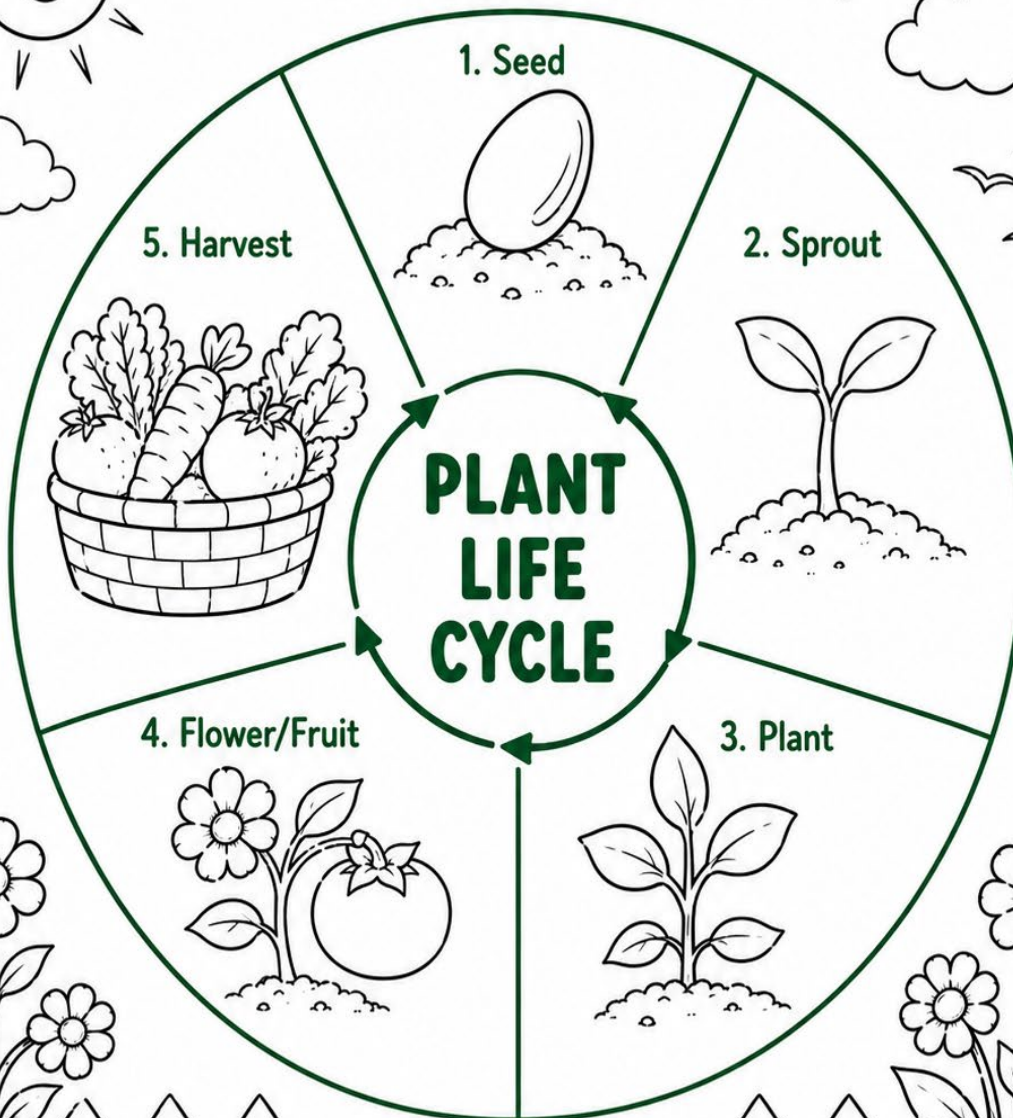
Bonus Question:

What do plants need to grow?



PLANT LIFE CYCLE

Directions: Color the wheel and label each stage.



PLANTS NEED:

- ☐ Water 
- ☐ Sunlight 
- ☐ Soil 

