



Green Our Planet's School Garden Curriculum

Title: **Life Cycle of a Flowering Plant**

Topic: Do Plants have Life Cycles? With Farmer Tom

Link: <https://www.youtube.com/watch?v=c4DEshd9oI0>

Grade Level: 3

Standards: 3-LS1-1 (at 0:42)

Objectives: (at 1:08)

- Understand that flowering plants follow a specific life cycle
- Identify and describe stages of a flowering plant's life cycle
- Produce a model of a flowering plant's life cycle

Segments: • Teacher segment: 0:12 - 0:58

• Student segment: 0:59 - 10:20

• Quiz 10:22 - 12:19

Concepts and/or Topics Covered & Vocabulary Notes:

- Plant life cycle
- Identify plants as mature by flowers
- Categories of life cycles
- Vocabulary section at end (12:20)

<i>Germinate</i>	<i>Annual</i>	<i>Biennial</i>
<i>Fruiting body</i>	<i>Perennial</i>	<i>Hypothesis</i>
- Possible additional vocabulary

<i>Cotyledon</i>	<i>Transformation</i>	<i>Seedling</i>
<i>Root</i>	<i>Seed</i>	

Methodology:

- Nice visuals/graphics and illustrations of plant's life cycle
- Great time-lapse photography of seeds germinating
- Discussion among class members – How many fruits and vegetables can you name that you think are fruiting bodies?
- Quiz at end includes open-ended, multiple choice and true/false questions