



Plant Life Cycle - Brassica

By: Michelle Bouslog

EdTech teacher; M.A.Ed. in EdTech, Concordia University St. Paul, MN

Science
Grades 3-5



Introduction

How do plants grow and change? What do plants need in order to survive? Students will learn about the plant life cycle. They will then plant their own Brassica plants, caring for them every day as they document their growth. Students will document their observations in a plant journal.

Learning Objectives

- [3-LS1-1](#).
- Develop models to describe that organisms have unique and diverse life cycles but all have in common birth, growth, reproduction, and death.

Materials Needed

- *From Seed to Plant* by Gail Gibbons
- Brassica seeds
- Small cups
- Water
- Potting soil
- Journal (notebook paper or digital version such as the note feature on Seesaw).

Procedure

1. Students will read *From Seed to Plant* by Gail Gibbons, learning how plants grow and what they need to thrive. Students will then plant their own Brassica plants.
2. Roughly every other day, students will examine their plant. How has it changed? To document the growth, students will sketch their plant in a journal, showing what it looks like as well as a summary of growth.
3. Extensions to try: What happens when the students put their plant in the closet? What happens when they put their plant by the window? How does over-watering or under-watering affect the plant?

Evaluation

Students will turn in their plant journal at the end of the unit to be graded on their sketches and plant growth summaries.