

Grade 2: Life Cycles- Plants

Core Standard: Observe, ask questions about and describe how organisms change their forms and behaviors during their life cycles.

Lesson	ISI Kit Correlations	Outdoor Learning Center Activity	Skill Building	Habits of Mind	Process/Design Standards	Content Standards
Garden Exploration	Lesson 12- Examining and Planting Seeds Lesson 18- Looking at Flowers	What plants are alike, which are different, look at plants in different stages of growth from seedling to mature, fruit bearing, flowering and seed production	Observing and Describing Make predictions based on observations Make and use simple equipment and tools, extend the sense to make observations.	Seeking answers through exploration Wondering and thinking about the natural & physical world. Observing Carefully	Nature of Science: Note booking Nature of Science: Investigating Nature of Science: Observing Nature of Science: Predicting	2.3.2 Compare and contrast details of body plans and structures within the life cycles of plants and animals.
What Do Plants Need To Grow?	Lesson 12- Examining and Planting Seed Lesson 23- Observing Fruits and Seeds	Students will help make sure a bed is prepared and plant some seeds or seedlings, or harvest seed for the next growing season (based on time of year)	Observing and describing Make and use simple equipment and tools, extend the sense to make observations.	Wondering and thinking about the natural & physical world. Observing Carefully Collaborating and sharing	Nature of Science: Investigating Nature of Science: Predicting Design Process: Identifying Design Process: Brainstorming Design Process: Solutions	2.3.1 Observe closely over a period of time and then record in pictures and words the changes in plants throughout their life cycles-including details of their body plan, structure and timing of growth, reproduction and death.
Taste Test- the One Bite Rule	Lesson 12- Examining and Planting Seeds Lesson 23- Observing Fruits and Seeds	Students will have an opportunity to try produce in the garden- allergies always considered! If they dislike their sample they can spit it into the compost to help make more soil!	Observing and describing Generate questions and make observations about natural processes	Observing Carefully Seeking answers through exploration Gathering data through all the senses	Nature of Science: Investigating	2.3.2 Compare and contrast details of body plans and structures within the life cycles of plants and animals.