

PLANT GROWTH AND DEVELOPMENT**

2.2 Essential Question: How do plants change as they grow?

3.2 Essential Question: Why do plants live in certain places?

Lesson	Lesson Topic	CT Standard	Required
One STC Lesson 1 1 day	Why Study Plants?	2.2 A19, A20 A INQ 1, 4	Fundamental
Two 1 -7 days (start)	What Do Plants Need To Grow?	2.2 A19, A20 A INQ 1, 4, 5, 6	Fundamental
Three* 1 day	Parts of a Plant <u>From Seed to Plant</u>	2.2 A19, A20 A INQ 1, 6	Fundamental
Four STC Lesson 2 1 day	What Is Inside a Seed?	2.2 A19, A20 A INQ 1, 4, 5, 6	Fundamental
Five* STC Lesson 3 1 day	Planting the Seed	2.2 A19, A20 A INQ 1, 4, 6	Fundamental
Six 1 day	All About Seeds	2.2 A19, A20 A INQ 1, 2, 3, 4, 6, 7	Fundamental
Seven* 1 day	<u>Seeds Get Around</u>	2.2 A19, A20 A INQ 1, 2, 3, 4, 6, 7	Fundamental
Eight 1 day	Seed Sort	2.2 A19, A20 A INQ 1, 2, 4, 6, 9,10	Elective
Nine STC Lesson 4 1 day	Thinning and Transplanting	2.2 A19, A20 A INQ 1,3, 4, 6	Fundamental
Ten 1 day	The Seed Within	2.2 A19 A20 A INQ 1, 2, 6	Elective
Eleven 1 day	Little Brown Seeds poem	2.2 A19 A20 A INQ 1, 4, 6	Elective
Twelve STC Lesson 5 1 day	How Does Your Plant Grow?	2.2 A19, A20 A INQ 1, 2, 8, 10	Fundamental
Thirteen 1 day	Why Do Plants Have Roots in Soil?	2.2 A19 A INQ 1, 4, 7, 10	Fundamental

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Fourteen	Which Way Do Roots Grow?	2.2 A19 A INQ 1, 2, 3, 4	
Fifteen 1 day	Getting to the Root of Trees	2.2 A19 A INQ 1, 2, 3, 4	Fundamental
Sixteen 1 day	Stem Study	2.2 A19 A INQ 1, 2, 3, 4, 6	Fundamental
Seventeen STC Lesson 6 1 day	Observing Leaves and Flower Buds	2.2 A19 A INQ 1, 2, 4, 6	Fundamental
Eighteen	Photosynthesis	2.2 A19 A INQ 1, 2, 3, 4, 6, 7, 8	Fundamental
Nineteen 1 day	Leaf Investigation	2.2 A19 A INQ 1, 3, 4, 5, 6, 10	Elective
Twenty* STC Lesson 8 1 day	Why Are Bees Important? <u>Honey in a Hive</u>	2.2 A19 A INQ 1, 3, 4, 5, 6	Fundamental
Twenty-one STC Lesson 9 1 day	Get a Handle on Your Bee	2.2 A19 A INQ 1, 2, 4, 6	Fundamental
Twenty-two STC Lesson 10 1 day	Looking At Flowers	2.2 A19 A INQ 1, 4, 6	Fundamental
Twenty-three STC Lesson 11 1 day	Pollinating Flowers	2.2 A19 A INQ 1, 2, 4, 6	Fundamental
Twenty –four STC Lesson 12 1 day	Observing Pods	2.2 A19 A INQ 1, 2, 4, 6, 9,10	Fundamental
Twenty-five STC Lesson 13 1 day	Making a Brassica Model	2.2 A 19 A INQ 1, 2, 4, 6	Fundamental

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Twenty-six STC Lesson 14 1 day	Making a Bee Model	2.2 A19 A INQ 1, 2, 4, 6	Fundamental
Twenty-seven STC Lesson 15 1 day	Interpreting Graphs	2.2 A19 A INQ 1, 2, 3, 5, 10	Fundamental
Twenty-eight 1 day	Graphing Our Own Plants	2.2 A19 A INQ 1, 2, 4, 6, 7, 10	Fundamental
Twenty-nine STC Lesson 16 1 day	Harvesting and Threshing the Seeds	2.2 A19, A20 A INQ 1, 2, 4, 6, 9,10	Fundamental
Thirty 1 day	People Need Plants	2.2 A19, A20 A INQ 1, 2, 4, 6, 9, 10	Fundamental
Thirty-one* 2 days	The Pumpkin Life Cycle	2.2 A19, A20 A INQ 1, 4, 6	Fundamental
Thirty-two* 1 day	<u>Sunflower Life Cycle</u>	2.2 A19, A20 A INQ 1, 4, 6	Fundamental
Thirty-three* 1 day	How Does Your Garden Grow?	2.2 A19, A20 A INQ 1, 4, 6	Fundamental
Thirty-three* 1 day	Performance Assessment Life Cycle of a Plant	2.2 A19, A20	Fundamental
Thirty-four	Summative Assessment	2.2 A19, A20	Fundamental

*Literature Connection Lesson

** Refer to Rigby Theme 11: On the Farm