

Suggested Timeline: One Under the Sun

	Day 1	Day 2	Day 3	Day 4	Day 5
Week 1	Strand One: Engage				
	Pages: 8-11				
	<ul style="list-style-type: none"> Predict the outcome of planting a bean seed Create a mini greenhouse to make predictions about seed growth Record observations of bean seed (Ongoing for 10 days) 				
Week 2	Strand One: Engage				
	Pages: 8-11				
	<ul style="list-style-type: none"> Record observations of bean seed (Ongoing for 10 days) 				
Week 3	Strand One: Explore 1				
	Pages: 12-15				
	<ul style="list-style-type: none"> Plant seedling into small pot of potting soil Read <i>From Seed to Plant</i> by Gail Gibbons Predict what plant will look like in one week 				
Week 4	Strand One: Explore 2				
	Pages: 16-20				
	<ul style="list-style-type: none"> Make predictions about the effects of light and water on plants (variables) Assign groups of plants to four different variable groups Care for plants according to the variable groups Make predictions about the effects of the variable on the plants 				
Week 5	Strand One: Explain 1	Strand One: Explain 2		Strand One: Elaborate	Strand One: Evaluate
	Pages: 21-24	Pages: 25-40		Pages: 41-42	Pages: 43-46
	<ul style="list-style-type: none"> Complete the plant investigation Identify some of the needs of plants 	<ul style="list-style-type: none"> Explore the relationship between plants/animals and what is provided by their environment Read <i>Animals at Home</i> by David Lock 		<ul style="list-style-type: none"> Explain what plants need to survive Too Much PowerPoint 	<ul style="list-style-type: none"> Complete the Plant vs. Human Needs sheet

Week 6	Engineering Design Challenge Unit Assessment Session 1: Ask	Engineering Design Challenge Unit Assessment Session 2: Imagine	Engineering Design Challenge Unit Assessment Session 3: Plan	Engineering Design Challenge Unit Assessment Session 4: Create
	Page: 50	Pages: 50-51	Page: 51	Pages: 51-52
	<ul style="list-style-type: none"> Introduce design challenge Ask inquiry question 	<ul style="list-style-type: none"> Imagine ways to build a structure 	<ul style="list-style-type: none"> Plan with partners by drawing the structure and creating a materials list 	<ul style="list-style-type: none"> Create the final design idea Test structures
Week 7	Engineering Design Challenge Unit Assessment Session 5: Improve			
	Page: 52			
	<ul style="list-style-type: none"> Improve upon class designs using discussion questions 			