

## Suggested Timeline: One Under the Sun

	Day 1	Day 2	Day 3	Day 4	Day 5
<b>Week 1</b>	Strand One: Engage				
	Pages: 4-7				
	<ul style="list-style-type: none"> <li>Predict the outcome of planting a bean seed</li> <li>Create a mini greenhouse to make predictions about seed growth</li> <li>Record observations of bean seed <b>(Ongoing for 10 days)</b></li> </ul>				
<b>Week 2</b>	Strand One: Engage				
	Pages: 4-7				
	<ul style="list-style-type: none"> <li>Record observations of bean seed <b>(Ongoing for 10 days)</b></li> </ul>				
<b>Week 3</b>	Strand One: Explore 1				
	Pages: 8-11				
	<ul style="list-style-type: none"> <li>Plant seedling into small pot of potting soil</li> <li>Read <i>Seed to Plant</i></li> <li>Predict what plant will look like in one week</li> </ul>				
<b>Week 4</b>	Strand One: Explore 2				
	Pages: 12-16				
	<ul style="list-style-type: none"> <li>Make predictions about the effects of light and water on plants (variables)</li> <li>Assign groups of plants to four different variable groups</li> <li>Care for plants according to the variable groups</li> <li>Make predictions about the effects of the variable on the plants</li> </ul>				
<b>Week 5</b>	Strand One: Explain 1	Strand One: Explain 2		Strand One: Elaborate	Strand One: Evaluate
	Pages: 17-19	Pages: 17-19		Pages: 20-21	Pages: 22-25
	<ul style="list-style-type: none"> <li>Complete the plant investigation</li> <li>Identify some of the needs of plants</li> </ul>	<ul style="list-style-type: none"> <li>Explore the relationship between plants/animals and what is provided by their environment</li> <li>Read <i>Animals at Home</i> by David Lock.</li> </ul>		<ul style="list-style-type: none"> <li>Explain what plants need to survive</li> <li>"Too much" PowerPoint</li> </ul>	<ul style="list-style-type: none"> <li>Complete the Plant vs. Human Needs worksheet</li> </ul>

<b>Week 6</b>	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	
	Pages: 17-19	Page: 50	Pages: 50-51	Page: 51	
	<ul style="list-style-type: none"> <li>Introduce design challenge</li> <li>Ask inquiry question</li> </ul>	<ul style="list-style-type: none"> <li>Imagine ways to build a structure</li> </ul>	<ul style="list-style-type: none"> <li>Plan with partners by drawing the structure and creating a materials list</li> </ul>	<ul style="list-style-type: none"> <li>Create the final design idea</li> <li>Test structures</li> </ul>	
<b>Week 7</b>	Engineering Design Challenge Unit Assessment Session 5: Improve				
	Page: 51				
	<ul style="list-style-type: none"> <li>Improve upon class designs using discussion questions</li> </ul>				