

## The Nature of Science Part 1 (pgs 296 - 341)

### Effort Credit

Vocabulary Smart Cards (10)

At-Home Lab: "Trial Testing" WS sent home to parents (pg 321)

Lighting Labs - pg 306, 311, 327

Science in Your Backyard - "Observing Plants" pg 341

Make a "Tools & Item" matching game (TE pg 310)

Present a "Safety Demonstration" to the Class

<b>Day 1</b>	Inquiry - Try It! Page 298 "How do scientists make observations?"  Divide students into groups - give each group a different object  Complete worksheets  SHARE
<b>Day 2 &amp; 3</b>	STEM Activity - "Time to Clean Green!" (pgs 300 - 303) <ul style="list-style-type: none"><li>● LABELS OF COMMON CLEANERS</li><li>● COMMON HOUSEHOLD LIST (TE pg 301) CARDS</li><li>● MUD</li></ul> Read prompt together "Know vs Need to Know" Q&A Divide class into 4 members per group  Students should work together in their groups to complete the STEM Activity.  HW: All questions should be finished as homework if not complete by 2nd day.

<p><b>Day 4</b></p>	<p>Students should SHARE what they learned about cleaners.</p> <p>LESSON 1 - What Questions Do Scientists Ask?</p> <p>Read aloud pgs 304 - 307 completing questions individually, PAIR &amp; SHARE</p> <p>HW: Lesson Check pg TE 307b</p>
<p><b>Day 5</b></p>	<p>LESSON 2 - How Do Scientists Use Tools?</p> <p>Set Up Round Robin Lab for Inquiry - Explore It! Pg 308</p> <p>Read aloud pgs 308 - 313 completing questions individually</p>
<p><b>Day 6</b></p>	<p>LESSON 3 - How Do Scientists Answer Questions?</p> <p>Inquiry - Explore It! Pg 314</p> <p>Read aloud pgs 315 - 321; students should finish reading &amp; questions alone</p> <p>HW: Finish reading &amp; answering questions</p>
<p><b>Day 7</b></p>	<p>Tools Instructions Workshops</p> <p>WS: Lesson Check 2 &amp; 3 (TE 314b &amp; 321b)</p>
<p><b>Day 8</b></p>	<p>LESSON 4: How Do Scientists Draw Conclusions?</p> <p>Inquiry - Explore It! Pg 322</p> <p>Read aloud pgs 323 - 328</p> <p>HW: pg 329 "Do the Math!" &amp; Lesson Check 4 (TE 329b)</p>
<p><b>Day 9</b></p>	<p>Directed Inquiry - Investigate It!</p> <p>"What affects how many times a pendulum swings?" (pgs 330-331)</p>
<p><b>Day 10</b></p>	<p>Share Pendulum Results</p> <p>STEM: Healthcare Technology pg 332</p>

	Part 1: Benchmark Practice pg 340 - Individually & Check Together
<b>Day 11</b>	Review for Part 1 Test
<b>Day 12</b>	Part 1 Test