

**Grade Two**  
**Core Investigations** 🍏

UNIT	INVESTIGATION	RESOURCES	TEKS
<b>Unit One (Two Weeks)</b>			
<b>Procedures and Lab Safety, Tools and Notebooking</b>	1. Why Notebook? Scientists examples	Notebook PPT –Expectations, model, and famous scientists slides	2. 2F 🍏
	2. Why is Safety important?	Vocabulary words	2. 1A 🍏
	3. Safety Grouping Activity	Safety PowerPoint & Grouping activity (in notebook)	2. 1A 🍏
	4. Invest. With the Senses	What's in Your Bag?	2.1 A 🍏
	5. Gumball Observations	Gumball Activity in D2SC	2. 7A 🍏
<b>Unit Two (Two Weeks)</b>			
<b>Systems, Living and Non-Living</b>		Tools Matter (Campus Kit)	
	1. Making Necklaces	Engage p. 3-7	2.7 A
	2. Length	Explain p. 8-13	2.7 A
	3. Mass	Explain p. 14-21	2.7 A
	4. Volume	Explore p. 22-23	2.7 A
	5. Volume	Explain p. 24-29	2.7 A
	6. Temperature	Explore/Explain p. 30-32	2.7 A
	7. Problem Solving with Measurement	Elaborate p. 33	2.7 A
	8. Measurement Assessment	Evaluate p. 34-37	2.7 A
<b>Unit Three (Nine Weeks)</b>			
<b>Properties and Patterns Living, Non-Living</b>	1. Air is There	FOSS—Investigation 1 p. 8-12	2.7 A
	2. Air Under Water	FOSS—Investigation 1 p. 13-16	2.7 A
	3. Parachutes	FOSS—Investigation 1 p. 17-20	2.7 A
	4. Pushing on Air	FOSS—Investigation 1 p. 21-26	2.7 C
	5. Air and Water Fountain	FOSS—Investigation 1 p. 27-33	2.7 C
	6. Balloon Rockets	FOSS—Investigation 1 p. 34-38	2.7 C
	7. Weather Calendars	FOSS—Investigation 2 p. 11-14	2.7 D
	8. Measuring Temperatures	FOSS—Investigation 2 p. 15-19	2.7 A
	9. Watching Clouds	FOSS—Investigation 2 p. 21-24	2.7 D
	10. Water Cycle	McGraw-Hill TE p. 25-31	2.10 A
	11. Evaporation	Lesson in D2SC	2. 7 B 🍏
	12. Natural Resources	McGraw-Hill TE p. 38-45	2.10 B
	13. Measuring Rain	FOSS—Investigation 2 p. 26-27	2.7 A
	14. Wind Speed	FOSS—Investigation 3 p. 12-16	2.7 A
	15. Wind Vanes	FOSS—Investigation 3 p. 22-27	2.7 A
		16. Kites *Instructional Consideration in D2SC	FOSS—Investigation 3 p. 29-33
<b>Unit Four (Three Weeks)</b>			
<b>Changes, Life, Earth and Physical Science</b>		Light and Optics (Campus Kit)	
	1. Me and My Shadow	Engage p. 3-5	2.5 A
	2. Me and My Shadow	Explore p. 6-8	2.5 A
	3. Me and My Shadow	Explain p. 9-11	2.7 A
	4. Me and My Shadow	Elaborate p. 12-21	2.7 A
	5. Me and My Shadow	Evaluate p. 22-25	2.7 A

**Grade Two  
Core Investigations** 🍏

Unit Five (Nine Weeks)			
<b>Natural World Earth Science</b>		STC Kit "Soils"	
	1. What is in Soil?	Lesson 1 p. 17-27	2.8 B
	2. Where do Dead Plants Go?	Lesson 2 p. 31-37	2.9 B
	3. Introducing Sand, Clay, Humus	Lesson 3 p. 41-47	2.7 A
	4. When Soils Get Wet	Lesson 4 p. 51-55	2.7 A
	5. More About Wet Soil	Lesson 5 p. 59-64	2.7 A
	6. How Quickly Do Soils Settle in Water?	Lesson 6 p. 71-76	2.7 A
	7. More A Few Days Later	Lesson 7 p. 87-94	2.7 A
	8. What is Your Mystery Mixtures?	Lesson 8 p. 87-94	2.7 A
	9. Plants in Different Soils	Lesson 9 p. 101-106	2.6 C
	10. Why Do Plants Have Roots in Soil?	Lesson 10 p. 111-120	2.9 A
	11. Can Soil Hold Water?	Lesson 11 p. 123-127	2.8 B
	12. How Water Moves Through Sand and Clay	Lesson 12 p. 129-135	2.8 B
	13. Opening the Compost Bags	Lesson 13 p. 139-149	2.9 B
	14. Exploring Your Local Soil	Lesson 14 p. 153-158	2.8 B
	15. More About Your Local Soil	Lesson 15 p. 163-168	2.8 B
16. What is Your Local Soil?	Lesson 16 p. 173-180	2.2 F	
Unit Six (Nine Weeks)			
<b>Living Organisms</b>		STC Kit "Cycles of Butterflies"	
	1. Getting Ready for Caterpillars	Lesson 1 p. 3-10	2.9 B
	2. Caring for Caterpillars	Lesson 2 p. 11-18	2.8 A
	3. Learning More About Caterpillar	Lesson 3 p. 19-22	2.9 A
	4. Observing the Caterpillars	Lesson 4 p. 23-28	2.6 D
	5. Observing Change: Growth and Molting	Lesson 5 p. 29-34	2.9 A
	6. Silk Spinning	Lesson 6 p. 35-38	2.9 A
	7. From Caterpillar to Chrysalis	Lesson 7 p. 39-46	2.8 A
	8. Observing the Chrysalis	Lesson 8 p. 47-52	2.7 A
	9. Discovering Butterflies are Insects	Lesson 14 p. 85-88	2.8 A
	10. Other Life Cycles	Lesson 15 p. 89-94	2.5 B
	11. Mealworms	Lesson in D2SC	2.5 B 🍏
	12. The Butterfly Emerges	Lesson 9 p. 53-62	2.7 A
	13. Feeding the Butterflies	Lesson 10 p. 63-68	2.9 A
	14. The Butterfly's Body	Lesson 11 p. 69-74	2.9 A
	15. Development of the Butterfly	Lesson in D2SC	2.6 A 🍏
	16. The Butterflies Go Free	Lesson 12 p. 75-80	2.9 B
17. Using Our Data	Lesson 13 p. 81-84	2.9 B	