



Grade One
Core Investigations 🍏

UNIT	INVESTIGATION	RESOURCES	TEKS
Unit One (Two Weeks)			
Procedures and Lab Safety, Tools and Notebooking	1. Why notebook? Scientists examples	Notebook PPT – Expectations, model, and famous scientists slides	1.2E 🍏
	2. Why is Safety Important?	Vocabulary Picture Cards	1.1A 🍏
	3. Safety Grouping Activity?	PowerPoint Activity, Grouping Activity	1.1A 🍏
	4. Weather Calendar	On-going throughout the year	1.7C 🍏
	5. Gumball Observations	Gumball Activity in D2SC	1.7A 🍏
Unit Two (Two Weeks)			
Changes		Light and Optics Campus Kit	
	1. Magnifiers	Engage p. 3-4	1.7 A
	2. Making Things Look Bigger	Explore p. 5-7	1.7 A
	3. Making Things Look Bigger	Explain p. 8-10	1.5 A
	4. Properties of the Hand Lens	Elaborate p. 11-16	1.4 A
5. Wrap it Up	Evaluate p. 17-21		
Unit Three (Nine Weeks)			
Systems, Force and Motion		FOSS Balance and Motion Kit	
	1. Trick Crayfish	FOSS—Investigation 1 p. 11-13	1.3 C
	2. Triangle and Arch	FOSS—Investigation 1 p. 14-18	1.3 B
	3. Pencil Trick	FOSS—Investigation 1 p. 19-23	1.6 C
	4. Mobiles	FOSS—Investigation 1 p. 25-28	1.2 B
	5. Tops	FOSS—Investigation 2 p. 9-13	1.6 D
	6. Zoomers	FOSS—Investigation 2 p. 15-19	1.6 C
	7. Twirlers	FOSS—Investigation 2 p. 21-25	1.6 C
	8. Rolling Wheels	FOSS—Investigation 3 p. 7-12	1.6 A
	9. Rolling Cups	FOSS—Investigation 3 p. 13-18	1.6 C
	10. Rolling Spheres	FOSS—Investigation 3 p. 19-25	1.7 A
	11. Making Roller Coasters	Lesson in D2SC Core Investigation 11	1.2 D 🍏
12. Exploring Virtual Roller Coasters	Lesson in D2SC Core Investigation 12	1.2 D 🍏	
Unit Four (Two Weeks)			
Properties and Patterns Living, Non-Living		Tools of Matter Campus Kit	
	1. Length	Engage – p. 3-5	1.4 C
	2. Length	Explore – p. 6-7	1.4 C
	3. Length	Explain – p. 8-9	1.5 B
	4. Capacity	Explore & Explain p. 10-12	1.4 C
	5. Temperature	Explore & Explain p. 13-14	1.7 B
	6. Mass	Explore & Explain p. 15-18	1.2 C
7. Temperature	Elaborate p. 20		

**Grade One
Core Investigations **

Unit Five (Nine Weeks)			
Natural World, Earth Science		FOSS- Pebbles, Sand and Silt Kit	
	1. Three Rocks	FOSS—Investigation 1 p. 9-12	1.10 B
	2. Washing Three Rocks	FOSS—Investigation 1 p. 13-17	1.7 A
	3. First Sorting	FOSS—Investigation 1 p. 20-21	1.6 A
	4. Sorting Games	FOSS—Investigation 1 p. 22-25	1.4 A
	5. Start a Rock Collection	FOSS—Investigation 1 p. 26-29	1.4 B
	6. Screen River Rocks	FOSS—Investigation 2 p. 8-13	1.10 B
	7. River Rocks By Size	FOSS—Investigation 2 p. 14-17	1.10 B
	8. Sand and Silt	FOSS—Investigation 2 p. 18-23	1.10 C
	9. Exploring Clay	FOSS—Investigation 2 p. 24-29	1.10 C
	10. Rocks in Use	FOSS—Investigation 3 p. 9-11	1.10 C
	11. Looking At Sandpaper	FOSS—Investigation 3 p. 12-15	1.10 C
	12. Sand Sculptures	FOSS—Investigation 3 p. 15-19	1.10 C
	13. Clay Beads	FOSS—Investigation 3 p. 20-23	1.10 B
	14. Making Bricks	FOSS—Investigation 3 p. 24-29	1.10 B
	15. Homemade Soil Day	FOSS—Investigation 4 p. 8-14	1.10 B
	16. Soil Search	FOSS—Investigation 4 p. 16-18	1.10 B
17. Studying Local Soil	FOSS—Investigation 4 p. 19-25	1.10 B	
Unit Six (Nine Weeks)			
Living Organisms	1. Living and Non-Living Video and Sorting Activity	See 'Living and Non-Living' Video and Instructional Considerations	1.8A 
		STC- Organisms Kit	
	2. Sharing What We Know About Organisms	STC—Lesson 1 p. 17-23	1.9 A
	3. Observing and Describing Seeds	STC—Lesson 2 p. 25-33	1.6 B
	4. Planting Our Seeds	STC—Lesson 3 p. 35-49	1.9 A
	5. Observing Woodland Plants	STC—Lesson 4 p. 51-65	1.6 B
	6. Observing Freshwater Plants	STC—Lesson 5 p. 67-77	1.6 B
	7. How Have Our Seeds Changed	STC—Lesson 6 p. 79-87	1.7 D
	8. Observing Freshwater Snails	STC—Lesson 7 p. 89-99	1.9 A
	9. Observing Guppies-How Do They Compare with Snails	STC—Lesson 8 p. 101-109	1.6 A
	10. Observing Pillbugs	STC—Lesson 9 p. 111-117	1.6 B
	11. Observing Bess Beetles	STC—Lesson 10 p. 110-130	1.6 B
	12. What's Happening in the Aquarium	STC—Lesson 11 p. 133-138	1.2 E
	13. What's Happening in the Terrarium	STC—Lesson 12 p. 141-147	1.9 B
	14. Freshwater and Woodland Plants-How Do They Compare	STC—Lesson 13 p. 149-161	1.3 A
	15. Bodies of Water Video and Bridge Map	See 'Let's Explore Down by the Water' Video Stream and 'Core Investigation 15' on D2SC	1.10 A 
	16. How Are Our Plants and Animals Alike and Different	STC—Lesson 14 p. 169-181	1.2 A
	17. Taking a Look at Ourselves	STC—Lesson 15 p. 183-191	1.9 A
18. Living & Non-Living Double Bubble Maps	See 'Core investigation 18'	1.8B 