

Table of Contents

Introduction	i	Lesson 14: Soil	157
Storytelling and Retelling	ii	Lesson 15: Volcano Rising.....	169
Higher-Order Thinking	iii	Lesson 16: Earthquakes.....	181
English Language and Literacy Acquisition.....	iv	Lesson 17: Introducing Landforms.....	193
Lesson Overview	v	Lesson 18: What’s Out There?	205
Enrichment	vii	Lesson 19: The Planets.....	217
STELLA Program Components	viii	Lesson 20: How Does a Cloud Become a Thunderstorm?	229
Lesson 1: What Is the World Made Of?	1	Lesson 21: A Raindrop’s Journey	241
Lesson 2: What Is the World Made Of.....	13	Lesson 22: From Seed to Dandelion.....	253
Lesson 3: What Makes a Magnet?	25	Lesson 23: What If There Were No Sea Otters.....	265
Lesson 4: What Floats? What Sinks?	37	Lesson 24: The Best Caretakers	277
Lesson 5: Speeding! Mechanical Energy.....	49	Lesson 25: Nature’s Green Umbrella.....	289
Lesson 6: Hot! Heat Energy	61	Lesson 26: Disappearing Prairies.....	301
Lesson 7: Loud! Sound Energy	73	Lesson 27: Exploring Ecosystems with Max Axiom	313
Lesson 8: Bright! Light Energy.....	85	Lesson 28: Are You a Butterfly?	325
Lesson 9: Forces Make Things Move.....	97	Learning Standards Scope and Sequence	337
Lesson 10: Gravity in Action: Roller Coasters!.....	109	Program Materials and Supplies to Gather	343
Lesson 11: What Will the Weather Be?	121		
Lesson 12: The Water Cycle	133		
Lesson 13: Dirt: The Scoop on Soil	145		