## **Table of Contents**

Lessons	Unit 5 - New at the Zoo
Getting Started	Project: New at the Zoo261
Welcome to Calvert3	How Do Plants Look Like Their Parents? 263
Before You Begin11	How Do Animals Look Like Their Parents?. 276
Course Materials12	Which Animals Look Alike?290
Unit 1 - Sound and Light Show	Who Do You Look Like?298
Project: Sound and Light Show15	Show: New at the Zoo 307
Making It Move with Sound18	Unit Quiz: New at the Zoo 313
Lights Up, Lights Down!41	Unit 6 - The Story of My Sky
Blocks and Shadows50	Project: The Story of My Sky 317
How Light Travels67	How Do Objects in the Sky Seem
Show: Sound and Light Show77	to Change?319
Unit Quiz: Sound and Light Show82	Seasons and Daylight342
Unit 2 - Communicating with Sound	Show: The Story of My Sky359
How Can We Communicate with Sound?85	Unit Quiz: The Story of My Sky 365
Making Messages with Music 104	Appendix
Staying Safe with Sounds 124	Assessment/File Upload Form
Messages from a Distance132	
Unit Quiz: Communicating with Sound 142	Project Rubrics
Unit 3 - Plant and Animal Structures	Worksheets
Project: Move Like an Animal 145	Make Something Move with Sound
What Parts Help Plants Live? 148	Make Observations in Different Light 377
What Body Parts Help Animals Stay Safe?. 163	Test How Light Passes Through Materials. 379
What Body Parts Help Animals Meet	Test What Happens to Light 381
Their Needs?175	Engineer It • Communicate over Distance 385
How Do Plants and Animals Respond to Their Environment?	Engineer It • Design a Shoe
Show: Move Like An Animal	Engineer It • Use Ideas from Animals 391
Unit Quiz: Move Like an Animal	Presentation Story Board:
	Amazing Arowana!
Unit 4 - How Animals Take Care of Their Young How Do Animals Help Their Young? 213	Emperor Penguin Egg Timeline
Protective Parents	Learning to Find Food
Emperor's Prize Egg	Daily Observations Worksheet 401
How Do Animals Learn to Find Food? 252	Observe Patterns of Sunset403
Unit Quiz: How Animals Take Care of Their	*The Assessment/File Upload Form and many worksheets in the Appendix will be used multiple times throughout this course. Please make additional copies of these pages.