

Contents

Note from the Author	v	Lesson 5: Multitude of Mixtures	
How to Use This Book	vi	Fascinating Facts	64
Daily Schedule	viii	Notebooking Activity: Items around the House	67
		Vocabulary Crossword	68
Lesson 1: Chemistry and Physics Matter		Scripture Copywork	69
Fascinating Facts	12	Separating Mixtures Lift Book Paste Page	71
Notebooking Activity: Archimedes Play	14	Test It Out	72
Vocabulary Crossword	16	My Mixtures Projects	73
Scripture Copywork	17	What Do You Remember?	75
Matter Flap Book Paste Page	19		
Test It Out	20	Lesson 6: Mechanics in Motion	
My Matter Projects	21	Fascinating Facts	76
What Do You Remember?	24	Notebooking Activity: Sir Isaac Newton	78
		Notebooking Activity: Laws of Motion Flaps	79
Lesson 2: Moving Matter		Vocabulary Crossword	82
Fascinating Facts	25	Scripture Copywork	83
Notebooking Activity: States of Matter Pockets	27	Laws of Motion Wheels Paste Page	85
Vocabulary Crossword	30	Test It Out	86
Scripture Copywork	31	My Mechanics in Motion Projects	87
States of Matter Wheel Paste Page	33	What Do You Remember?	89
Test It Out	34		
My Moving Matter Projects	35	Lesson 7: Dynamics of Motion	
What Do You Remember?	37	Fascinating Facts	90
		Notebooking Activity: My Race Car or Plane	
Lesson 3: Building Blocks of Creation		Design	93
Fascinating Facts	38	Vocabulary Crossword	94
Notebooking Activity: Covalent Bond Comic	40	Scripture Copywork	95
Notebooking Activity: Ionic Bond Comic	41	Forces of Motion Minibooks Paste Page	97
Vocabulary Crossword	42	Test It Out	98
Scripture Copywork	43	My Dynamics of Motion Projects	99
Building Blocks Layered Book Paste Page	45	What Do You Remember?	102
Test It Out	46		
My Building Blocks Projects	47	Lesson 8: Work in the World	
What Do You Remember?	49	Fascinating Facts	103
		Notebooking Activity: Letter to the Editor	105
Lesson 4: Compound Chemistry		Vocabulary Crossword	106
Fascinating Facts	50	Scripture Copywork	107
Notebooking Activity: Life of a Plastic Object	52	Energy Matchbook Paste Page	109
Vocabulary Crossword	54	Test It Out	110
Scripture Copywork	55	My Work Projects	111
Compounds Tuck-In Envelopes Paste Page	57	What Do You Remember?	113
Test It Out	58		
My Crystals Projects	59		
My Polymers Projects	61		
What Do You Remember?	62		

Contents

Lesson 9: Sound of Energy

Fascinating Facts	114
Notebooking Activity: Instrument Story	117
Vocabulary Crossword	118
Scripture Copywork	119
Sound Shutter Book Paste Page	121
Test It Out	122
My Sound Projects	123
What Do You Remember?	126

Lesson 10: Light of the World

Fascinating Facts	127
Notebooking Activity: My Color Spectrum	129
Notebooking Activity: My Favorite Light Verse ..	129
Vocabulary Crossword	130
Scripture Copywork	131
Light Fan Paste Page	133
Test It Out	134
My Light Projects	135
What Do You Remember?	138

Lesson 11: Thermal Energy

Fascinating Facts	139
Notebooking Activity: How to Prevent Fires	142
Notebooking Activity: My Fire Escape Plan	143
Vocabulary Crossword	144
Scripture Copywork	145
Thermal Energy Pop-Up Books Paste Page	147
Test It Out	148
My Energy Projects	149
What Do You Remember?	152

Lesson 12: Electrifying Our World

Fascinating Facts	154
Notebooking Activity: Which Items Conduct Electricity?	156
Notebooking Activity: Circuit Diagrams	157
Vocabulary Crossword	158
Scripture Copywork	159
Electricity Accordion Books Paste Page	161
Test It Out	162
My Electricity Projects	163
What Do You Remember?	166

Lesson 13: Mysterious Magnetism

Fascinating Facts	167
Notebooking Activity: Which Items Are Magnetic?	170
Notebooking Activity: Magnets Brochure	171
Vocabulary Crossword	176
Scripture Copywork	177
Magnets Tab Book Paste Page	179
Test It Out	180
My Magnetism Projects	181
What Do You Remember?	184

Lesson 14: Simple Machines

Fascinating Facts	185
Notebooking Activity: Machines We Use	187
Vocabulary Crossword	188
Scripture Copywork	189
Simple Machines Pulley Paste Page	191
Test It Out	192
My Machines Projects	193
What Do You Remember?	196

Final Review Questions

Vocabulary Crossword Solutions

Final Review Answers

My Chemistry and Physics Field Trips

Image, Illustration, and Font Credits

Minibooks

Appendix