

	Unit	Section 1	Section 2	Section 3	Section 4
pages 8–43	 1 Animals Are Living Things	Living Things and Nonliving Things pg. 10	Living Things pg. 14	Animals Education through Values: taking care of animals pg. 20	Birth and Nourishment of Animals pg. 26
pages 44–69	 2 Plants Are Living Things	Parts of a Plant pg. 46	Plants pg. 50	Classifying Plants Education through Values: taking care of plants pg. 56	Different Types of Plants Education through Values: recycling pg. 64
pages 70–93	 3 The Five Senses and Your Health	Taste and Smell pg. 72	Hearing, Sight and Touch Education through Values: respect pg. 76	Healthy Habits Education through Values: taking care of your body pg. 86	
pages 94–117	 4 Materials and Their Properties	Types of Materials Education through Values: recycling pg. 96	Uses and Properties of Materials pg. 100	How Materials Change Education through Values: recycling pg. 108	
pages 118–135	 5 Times of Day and Seasons of the Year	Earth's Daily Cycle Education through Values: responsibility pg. 120	The Four Seasons pg. 128		
Glossary		Cutouts		Stickers	
pages 136–142		pages 143–153		pages 155–159	

	Section 5	Section 6	Science Lab	Evaluations	Summary and Review
	Classifying Animals Education through Values: respecting living things pg. 32	Different Types of Animals Education through Values: taking care of the planet pg. 38	What Makes a Living Thing Alive? pg. 18	What Do You Know? Initial Evaluation pg. 9 Let's Check! Intermediate Evaluation pg. 30 What Did You Learn? Final Evaluation pg. 42	Test 1 Study Page
			In Which Direction Will the Plant Grow? pg.54	What Do You Know? Initial Evaluation pg. 45 Let's Check! Intermediate Evaluation pg. 62 What Did You Learn? Final Evaluation pg. 68	Test 2 Study Page
			How Do Different Foods Taste? pg. 82	What Do You Know? Initial Evaluation pg. 71 Let's Check! Intermediate Evaluation pg. 84 What Did You Learn? Final Evaluation pg. 92	Test 3 Study Page
			Can I Make a Toy? pg. 114	What Do You Know? Initial Evaluation pg. 95 Let's Check! Intermediate Evaluation pg. 106 What Did You Learn? Final Evaluation pg. 116	Test 4 Study Page
			How Does Sunlight Affect Daily Activities? pg. 132	What Do You Know? Initial Evaluation pg. 119 Let's Check! Intermediate Evaluation pg. 126 What Did You Learn? Final Evaluation pg. 134	Test 5 Study Page

	Unit	Section 1	Section 2	Section 3	
pages 8–37	 1 Animals	Vertebrates Education through Values: respecting all living things pg. 10	More Vertebrates pg. 16	Invertebrates pg. 24	
pages 38–59	 2 Wild Animals	Animal Environments Education through Values: taking care of habitats pg. 40	Human Impact on the Environment pg. 48	Endangered Animals pg. 54	
pages 60–83	 3 The Human Body	Vital Organs pg. 62	How the Body Moves Education through Values: respecting diversity pg. 70	Taking Care of Our Bodies pg. 78	
pages 84–107	 4 Water	Properties of Water pg. 86	Physical States of Water pg. 90	Keeping Water Clean Education through Values: taking care of our planet's water pg. 100	
pages 108–131	 5 Weather	Weather Characteristics pg. 110	Weather Instruments pg. 116	Weather Effects pg. 124	
Invertebrate Album page 132		Glossary pages 133–138		Cutouts pages 139–149	
				Stickers pages 151–157	

	Section 4	Science Lab	Evaluations	Summary and Review
	Animal Life Cycles pg. 32	Where Will the Ants Go? pg. 30	What Do You Know? Initial Evaluation pg. 9 Let's Check! Intermediate Evaluation pg. 22 What Did You Learn? Final Evaluation pg. 36	Test 1 Study Page
		Which Habitat Do Roly-Poly Bugs Prefer? pg. 46	What Do You Know? Initial Evaluation pg. 39 Let's Check! Intermediate Evaluation pg. 52 What Did You Learn? Final Evaluation pg. 58	Test 2 Study Page
		When Does My Pulse Change? pg. 68	What Do You Know? Initial Evaluation pg. 61 Let's Check! Intermediate Evaluation pg. 76 What Did You Learn? Final Evaluation pg. 82	Test 3 Study Page
		What Temperature is the Water? pg. 96	What Do You Know? Initial Evaluation pg. 85 Let's Check! Intermediate Evaluation pg. 98 What Did You Learn? Final Evaluation pg. 106	Test 4 Study Page
		How Can We Measure the Temperature of the Classroom? pg. 120	What Do You Know? Initial Evaluation pg. 109 Let's Check! Intermediate Evaluation pg. 122 What Did You Learn? Final Evaluation pg. 130	Test 5 Study Page

	Unit	Section 1	Section 2	Section 3	
pages 8–37	 1 Plants	Plants and Their Structures Education through Values: Taking care of the planet pg. 10	Plant Reproduction Education through Values: Taking care of the planet pg. 20	The Importance of Plants pg. 30	
pages 38–61	 2 Protecting Resources	Types of Resources and Waste Education through Values: Respecting the environment pg. 40	Protection of Resources Education through Values: Respecting the environment pg. 50		
pages 62–85	 3 Food	A Healthy Diet Education through Values: Respecting diversity pg. 64	Handling Food pg. 74		
pages 86–117	 4 Light and Sound	Sources of Light Education through Values: Respecting the environment pg. 88	Light pg. 92	Sound pg. 106	
pages 118–149	 5 Earth and the Solar System	The Solar System and Its Components pg. 120	The Movements of Earth pg. 128	Solar System Events Education through Values: Working in groups pg. 138	
Glossary		Cutouts			
pages 150–158		pages 159–169			

Science Lab	Evaluations	Summary and Review
What is a Root’s Function? pg. 18	What Do You Know? Initial Evaluation pg. 9 Let’s Check! Intermediate Evaluation pg. 28 What Did You Learn? Final Evaluation pg. 36	Test 1 Study Page
What is the Difference between Organic and Inorganic Waste? pg. 58	What Do You Know? Initial Evaluation pg. 39 Let’s Check! Intermediate Evaluation pg. 48 What Did You Learn? Final Evaluation pg. 60	Test 2 Study Page
Vitamin C in Fruit pg. 82	What Do You Know? Initial Evaluation pg. 63 Let’s Check! Intermediate Evaluation pg. 72 What Did You Learn? Final Evaluation pg. 84	Test 3 Study Page
Does Light Travel Only in a Straight Line? pg. 102	What Do You Know? Initial Evaluation pg. 87 Let’s Check! Intermediate Evaluation pg. 104 What Did You Learn? Final Evaluation pg. 116	Test 4 Study Page
Does the Moon Have Different Shapes during a Month? pg. 146	What Do You Know? Initial Evaluation pg. 119 Let’s Check! Intermediate Evaluation pg. 136 What Did You Learn? Final Evaluation pg. 148	Test 5 Study Page

	Unit	Section 1	Section 2	Section 3	
pages 8–35	1 Living Things and the Environment	Ecosystems Education through Values: Respecting the environment pg. 10	Adaptations of Living Things pg. 18	Food Chains pg. 30	
pages 36–71	2 Coordination and Body Movement	The Skeletal System pg. 38	The Muscular System pg. 46	The Nervous System Education through Values: Respecting the environment pg. 58	
pages 72–101	3 Matter	Properties of Matter pg. 74	Physical States of Matter Education through Values: Respecting the environment pg. 82	Measuring Matter pg. 94	
pages 102–131	4 Force and Motion	Motion pg. 104	The Effects of Force Education through Values: Taking care of yourself pg. 110	Different Forces pg. 122	
pages 132–151	5 The Earth Moves	The Structure of the Earth pg. 134	The Earth Changes pg. 140		
Glossary		pages 152–160		Cutouts	
				pages 161–169	

Section 4	Science Lab	Evaluations	Summary and Review
	<p>Why Do the Beaks of Birds Have Different Shapes?</p> <p style="text-align: right;">pg. 26</p>	<p>What Do You Know? Initial Evaluation pg. 9</p> <p>Let's Check! Intermediate Evaluation pg. 28</p> <p>What Did You Learn? Final Evaluation pg. 34</p>	Test 1 Study Page
<p>The Effects of Alcohol Consumption</p> <p style="text-align: right;">pg. 64</p>	<p>How Do Your Muscles Work When You Bend Your Arm?</p> <p style="text-align: right;">pg. 54</p>	<p>What Do You Know? Initial Evaluation pg. 37</p> <p>Let's Check! Intermediate Evaluation pg. 56</p> <p>What Did You Learn? Final Evaluation pg. 70</p>	Test 2 Study Page
	<p>Does Making Ice Pops Produce a Change in State?</p> <p style="text-align: right;">pg. 98</p>	<p>What Do You Know? Initial Evaluation pg. 73</p> <p>Let's Check! Intermediate Evaluation pg. 92</p> <p>What Did You Learn? Final Evaluation pg. 100</p>	Test 3 Study Page
	<p>Building a Spring Scale</p> <p style="text-align: right;">pg. 118</p>	<p>What Do You Know? Initial Evaluation pg. 103</p> <p>Let's Check! Intermediate Evaluation pg. 120</p> <p>What Did You Learn? Final Evaluation pg. 130</p>	Test 4 Study Page
	<p>What Are the Effects of a Volcanic Eruption?</p> <p style="text-align: right;">pg. 148</p>	<p>What Do You Know? Initial Evaluation pg. 133</p> <p>What Did You Learn? Final Evaluation pg. 150</p>	Test 5 Study Page

	Unit	Section 1	Section 2	
pages 8–55	 1 Body Systems Education through Values: caring for the environment	The Levels of Biological Organization <ul style="list-style-type: none"> – The Discovery of Cells – Classifying Living Things – The Cell – Organs – Systems – Organisms <p style="text-align: right;">pg. 10</p>	The Digestive System <ul style="list-style-type: none"> – The Organs of the Digestive System – The Digestive Process – The Beginning of the Digestive Process – Swallowing – Peristaltic Movements – Digestion in the Stomach: The Process Continues – The End of the Digestive Process – Absorption – Elimination of Waste: The Final Process <p style="text-align: right;">pg. 18</p>	
pages 56–85	 2 Nutrition and Health Education through Values: solidarity, promoting a healthy lifestyle	Nutrition <ul style="list-style-type: none"> – Food Gives Us Energy – Food – Components of Food – Proteins – Carbohydrates – Lipids – Vitamins and Minerals – Nutritional Composition of Foods – The Food Pyramid <p style="text-align: right;">pg. 58</p>	Microorganisms <ul style="list-style-type: none"> – Health and Illnesses – Types of Illnesses – Microorganisms: Bacteria, Fungi and Viruses – Harmful Microorganisms – Beneficial Effects of Microorganisms – Taking Care of Your Body <p style="text-align: right;">pg. 70</p>	
pages 86–123	 3 Electricity Education through Values: respecting rules and caring for the planet	Electric Energy <ul style="list-style-type: none"> – Energy in Our Surroundings – Renewable Energy Sources – Changes in Electric Energy – Electricity: The Important Scientists <p style="text-align: right;">pg. 88</p>	Electric Circuits <ul style="list-style-type: none"> – Electric Current – Different Types of Electric Currents – Electric Circuits – Series Circuit – Parallel Circuit – Electric Circuits in Our Homes <p style="text-align: right;">pg. 96</p>	
pages 124–157	 4 The Hydrosphere Education through Values: protecting earth's water	Water on Earth <ul style="list-style-type: none"> – Land and Water – The Hydrosphere – Different Types of Water on Our Planet – The Distribution of Water on Land – The Water Cycle – The Importance of Water for Living Things <p style="text-align: right;">pg. 126</p>	Characteristics of Oceans, Seas and Lakes <ul style="list-style-type: none"> – Differences between Fresh Water and Salt Water – Types of Water in Oceans, Seas and Lakes – Characteristics of Oceans and Seas – Effects of Water Conditions on Living Things – Ocean Zones and Diverse Forms of Life – Lakes – Living Things in Lakes – Seas – Ocean Currents – Waves <p style="text-align: right;">pg. 136</p>	

	Section 3	Section 4	Science Lab	Evaluations	Summary and Review
	The Circulatory System – Understanding the Circulatory System – Circulatory System Components – Our Blood – Components of Blood – Blood Vessels – Types of Blood Vessels – The Heart’s Function pg. 34	The Respiratory System – Respiration – Organs of the Respiratory System – The Role of Respiratory System Organs – Understanding Respiration pg. 44	The Function of Saliva pg. 28	What Do You Know? Initial Evaluation pg. 9 Let’s Check! Intermediate Evaluation pg. 32 What Did You Learn? Final Evaluation pg. 52	Test 1 Study Page
			Where Fungi Grow pg. 80	What Do You Know? Initial Evaluation pg. 57 Let’s Check! Intermediate Evaluation pg. 68 What Did You Learn? Final Evaluation pg. 84	Test 2 Study Page
	Conductors and Insulators – Conductors and Insulators of Electricity – Conductors – Insulators – Components of a Circuit: Conductors and Insulators – Daily Uses of Conductors and Insulators – Safe Ways to use Electric Devices pg. 110		Series and Parallel Circuits pg. 104	What Do You Know? Initial Evaluation pg. 87 Let’s Check! Intermediate Evaluation pg. 108 What Did You Learn? Final Evaluation pg. 120	Test 3 Study Page
			The Effects of Water Pollution on Living Things pg. 150	What Do You Know? Initial Evaluation pg. 125 Let’s Check! Intermediate Evaluation pg. 148 What Did You Learn? Final Evaluation pg. 154	Test 4 Study Page
	Glossary pages 158–164		Cutouts pages 165–185		

	Unit	Section 1	Section 2	
pages 8–49	 1 Energy in the Environment Education through Values: taking care of the environment	Photosynthesis <ul style="list-style-type: none"> – Everything Needs Energy – Autotrophic and Heterotrophic Organisms – The Contribution of Van Helmont to the Study of Plant Nutrition – Photosynthesis: The Intake of Material and Energy from the Ecosystem – Factors that Affect Photosynthesis – The Effects of Temperature and Light – Respiration and Photosynthesis pg. 10	Systems of a Food Chain <ul style="list-style-type: none"> – Understanding Organization in Nature – The Components of an Ecosystem – Organisms and Their Role in an Ecosystem – Energy Flow in an Ecosystem – Not All Energy Is Used – Trophic Levels, Chains and Systems pg. 28	
pages 50–73	 2 Energy Education through Values: respecting the environment	Energy <ul style="list-style-type: none"> – The Concept of Energy – Forms of Energy – Properties of Energy pg. 52	Energy and Changes <ul style="list-style-type: none"> – Energy and Objects – Energy and Living Things pg. 60	
pages 74–109	 3 Matter and Its Transformations Education through Values: working in groups and respecting the environment	Matter <ul style="list-style-type: none"> – The Structure of Matter – States of Matter pg. 76	Temperature and Heat <ul style="list-style-type: none"> – Temperature – Heat – Thermal Equilibrium – The Mechanisms of Heat Transfer pg. 82	
pages 110–159	 4 Earth and Its Resources Education through Values: respecting the environment	The Layers of the Earth <ul style="list-style-type: none"> – Composition of the Biosphere – Characteristics of the Atmosphere – The Importance of the Atmosphere for Life and Obtaining Natural Resources – Characteristics of the Hydrosphere – The Importance of the Hydrosphere for Life and Obtaining Natural Resources – Characteristics of the Layers of the Earth – The Importance of the Lithosphere for Life and Obtaining Natural Resources pg. 112	Changes in the Layers of the Earth <ul style="list-style-type: none"> – Changes in the Atmosphere – How Can We Protect the Atmosphere? – Changes in the Hydrosphere – How Can We Protect the Hydrosphere? – Changes in the Lithosphere – How Can We Protect the Lithosphere? pg. 128	
Glossary		Cutouts		
pages 160–170		pages 171–181		

	Section 3	Section 4	Science Lab	Evaluations
	The Effect of Human Activity on Food Chains – Can a Food System Be Changed? – Natural Causes That Alter Food Systems – The Harmful Effects of Human Activity pg. 42		The Effect Light Intensity Has on Photosynthesis pg. 24	What Do You Know? Initial Evaluation pg. 9 Let's Check! Intermediate Evaluation pg. 40 What Did You Learn? Final Evaluation pg. 46
			Solar Energy pg. 66	What Do You Know? Initial Evaluation pg. 51 What Did You Learn? Final Evaluation pg. 70
	Changes in State – Changes in State of Matter – Progressive Changes in State – Regressive Changes in State pg. 98	Changes in State of Water – Transformations of Water – The Heating Curve of Water – The Cooling Curve of Water pg. 102	Thermal Equilibrium pg. 92	What Do You Know? Initial Evaluation pg. 75 Let's Check! Intermediate Evaluation pg. 96 What Did You Learn? Final Evaluation pg. 106
	Soil Formation – Soil – Soil Layers – Soil Properties – Types of Soil pg. 142	Erosion – Types of Erosion – Consequences of Erosion pg. 152	The Water Retention Capacity of Different Types of Soil pg. 148	What Do You Know? Initial Evaluation pg. 111 Let's Check! Intermediate Evaluation pg. 140 What Did You Learn? Final Evaluation pg. 156