<table>
<thead>
<tr>
<th>Unit</th>
<th>Section 1</th>
<th>Section 2</th>
<th>Section 3</th>
<th>Section 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Animals Are Living Things</td>
<td>Living Things and Nonliving Things</td>
<td>Living Things</td>
<td>Animals Education through Values: taking care of animals</td>
</tr>
<tr>
<td></td>
<td>pg. 10</td>
<td>pg. 14</td>
<td>pg. 20</td>
<td>pg. 26</td>
</tr>
<tr>
<td>2</td>
<td>Plants Are Living Things</td>
<td>Parts of a Plant</td>
<td>Plants</td>
<td>Classifying Plants Education through Values: taking care of plants</td>
</tr>
<tr>
<td></td>
<td>pg. 46</td>
<td>pg. 50</td>
<td>pg. 56</td>
<td>pg. 64</td>
</tr>
<tr>
<td>3</td>
<td>The Five Senses and Your Health</td>
<td>Taste and Smell</td>
<td>Hearing, Sight and Touch Education through Values: respect</td>
<td>Healthy Habits Education through Values: taking care of your body</td>
</tr>
<tr>
<td></td>
<td>pg. 72</td>
<td>pg. 76</td>
<td>pg. 86</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Materials and Their Properties</td>
<td>Types of Materials Education through Values: recycling</td>
<td>Uses and Properties of Materials</td>
<td>How Materials Change Education through Values: recycling</td>
</tr>
<tr>
<td></td>
<td>pg. 96</td>
<td>pg. 100</td>
<td>pg. 108</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Times of Day and Seasons of the Year</td>
<td>Earth’s Daily Cycle Education through Values: responsibility</td>
<td>The Four Seasons</td>
<td></td>
</tr>
<tr>
<td></td>
<td>pg. 120</td>
<td>pg. 128</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Grant and Other Funding</td>
<td>How to Create a Grant Proposal</td>
<td>Grant Writing</td>
<td>The Importance of Grant Writing</td>
</tr>
<tr>
<td></td>
<td>pg. 130</td>
<td>pg. 135</td>
<td>pg. 140</td>
<td>pg. 145</td>
</tr>
</tbody>
</table>

Glossary: pages 136–142
Cutouts: pages 143–153
Stickers: pages 155–159
<table>
<thead>
<tr>
<th>Section 5</th>
<th>Section 6</th>
<th>Science Lab</th>
<th>Evaluations</th>
<th>Summary and Review</th>
</tr>
</thead>
<tbody>
<tr>
<td>Classifying Animals</td>
<td>Different Types of Animals</td>
<td>What Makes a Living Thing Alive?</td>
<td>What Do You Know? Initial Evaluation</td>
<td>Test 1 Study Page</td>
</tr>
<tr>
<td><strong>Education through Values:</strong> respecting living things</td>
<td><strong>Education through Values:</strong> taking care of the planet</td>
<td></td>
<td>pg. 9</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Let’s Check! Intermediate Evaluation</td>
<td>pg. 30</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>What Did You Learn? Final Evaluation</td>
<td>pg. 42</td>
</tr>
<tr>
<td>In Which Direction Will the Plant Grow?</td>
<td></td>
<td></td>
<td></td>
<td>Test 2 Study Page</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>What Do You Know? Initial Evaluation</td>
<td>pg. 45</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Let’s Check! Intermediate Evaluation</td>
<td>pg. 62</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>What Did You Learn? Final Evaluation</td>
<td>pg. 68</td>
</tr>
<tr>
<td>How Do Different Foods Taste?</td>
<td></td>
<td></td>
<td></td>
<td>Test 3 Study Page</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>What Do You Know? Initial Evaluation</td>
<td>pg. 71</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Let’s Check! Intermediate Evaluation</td>
<td>pg. 84</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>What Did You Learn? Final Evaluation</td>
<td>pg. 92</td>
</tr>
<tr>
<td>Can I Make a Toy?</td>
<td></td>
<td></td>
<td></td>
<td>Test 4 Study Page</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>What Do You Know? Initial Evaluation</td>
<td>pg. 95</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Let’s Check! Intermediate Evaluation</td>
<td>pg. 106</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>What Did You Learn? Final Evaluation</td>
<td>pg. 116</td>
</tr>
<tr>
<td>How Does Sunlight Affect Daily Activities?</td>
<td></td>
<td></td>
<td></td>
<td>Test 5 Study Page</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>What Do You Know? Initial Evaluation</td>
<td>pg. 119</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Let’s Check! Intermediate Evaluation</td>
<td>pg. 126</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>What Did You Learn? Final Evaluation</td>
<td>pg. 134</td>
</tr>
</tbody>
</table>
# Student's Book Table of Contents

## Level 2

<table>
<thead>
<tr>
<th>Unit</th>
<th>Section 1</th>
<th>Section 2</th>
<th>Section 3</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1</strong></td>
<td><strong>Animals</strong></td>
<td>Vertebrates</td>
<td>More Vertebrates</td>
</tr>
<tr>
<td></td>
<td>Education through Values: respecting all living things</td>
<td>pg. 10</td>
<td>pg. 16</td>
</tr>
<tr>
<td><strong>2</strong></td>
<td><strong>Wild Animals</strong></td>
<td>Animal Environments</td>
<td>Human Impact on the Environment</td>
</tr>
<tr>
<td></td>
<td>Education through Values: taking care of habitats</td>
<td>pg. 40</td>
<td>pg. 48</td>
</tr>
<tr>
<td><strong>3</strong></td>
<td><strong>The Human Body</strong></td>
<td>Vital Organs</td>
<td>How the Body Moves</td>
</tr>
<tr>
<td></td>
<td>Education through Values: respecting diversity</td>
<td>pg. 62</td>
<td>pg. 70</td>
</tr>
<tr>
<td><strong>4</strong></td>
<td><strong>Water</strong></td>
<td>Properties of Water</td>
<td>Physical States of Water</td>
</tr>
<tr>
<td></td>
<td>Education through Values: taking care of our planet’s water</td>
<td>pg. 86</td>
<td>pg. 90</td>
</tr>
<tr>
<td><strong>5</strong></td>
<td><strong>Weather</strong></td>
<td>Weather Characteristics</td>
<td>Weather Instruments</td>
</tr>
<tr>
<td></td>
<td></td>
<td>pg. 110</td>
<td>pg. 116</td>
</tr>
</tbody>
</table>

- Invertebrate Album: page 132
- Glossary: pages 133–138
- Cutouts: pages 139–149
- Stickers: pages 151–157
<table>
<thead>
<tr>
<th>Section 4</th>
<th>Science Lab</th>
<th>Evaluations</th>
<th>Summary and Review</th>
</tr>
</thead>
<tbody>
<tr>
<td>Animal Life Cycles</td>
<td>Where Will the Ants Go?</td>
<td>What Do You Know? Initial Evaluation</td>
<td>Test 1 Study Page</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Let’s Check! Intermediate Evaluation</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>What Did You Learn? Final Evaluation</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>pg. 30</td>
<td>pg. 9</td>
</tr>
<tr>
<td></td>
<td></td>
<td>pg. 32</td>
<td>pg. 22</td>
</tr>
<tr>
<td></td>
<td></td>
<td>pg. 36</td>
<td></td>
</tr>
<tr>
<td>Which Habitat Do Roly-Poly Bugs Prefer?</td>
<td></td>
<td>What Do You Know? Initial Evaluation</td>
<td>Test 2 Study Page</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Let’s Check! Intermediate Evaluation</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>What Did You Learn? Final Evaluation</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>pg. 46</td>
<td>pg. 39</td>
</tr>
<tr>
<td></td>
<td></td>
<td>pg. 52</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>pg. 58</td>
<td></td>
</tr>
<tr>
<td>When Does My Pulse Change?</td>
<td></td>
<td>What Do You Know? Initial Evaluation</td>
<td>Test 3 Study Page</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Let’s Check! Intermediate Evaluation</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>What Did You Learn? Final Evaluation</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>pg. 68</td>
<td>pg. 61</td>
</tr>
<tr>
<td></td>
<td></td>
<td>pg. 76</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>pg. 82</td>
<td></td>
</tr>
<tr>
<td>What Temperature is the Water?</td>
<td></td>
<td>What Do You Know? Initial Evaluation</td>
<td>Test 4 Study Page</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Let’s Check! Intermediate Evaluation</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>What Did You Learn? Final Evaluation</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>pg. 96</td>
<td>pg. 85</td>
</tr>
<tr>
<td></td>
<td></td>
<td>pg. 98</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>pg. 106</td>
<td></td>
</tr>
<tr>
<td>How Can We Measure the Temperature of the Classroom?</td>
<td></td>
<td>What Do You Know? Initial Evaluation</td>
<td>Test 5 Study Page</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Let’s Check! Intermediate Evaluation</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>What Did You Learn? Final Evaluation</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>pg. 120</td>
<td>pg. 109</td>
</tr>
<tr>
<td></td>
<td></td>
<td>pg. 122</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>pg. 130</td>
<td></td>
</tr>
<tr>
<td>Unit</td>
<td>Section 1</td>
<td>Section 2</td>
<td>Section 3</td>
</tr>
<tr>
<td>------</td>
<td>-----------</td>
<td>-----------</td>
<td>-----------</td>
</tr>
<tr>
<td>1</td>
<td>Plants and Their Structures</td>
<td>Plant Reproduction</td>
<td>The Importance of Plants</td>
</tr>
<tr>
<td></td>
<td>pg. 10</td>
<td>pg. 20</td>
<td>pg. 30</td>
</tr>
<tr>
<td>2</td>
<td>Types of Resources and Waste</td>
<td>Protection of Resources</td>
<td>Education through Values: Respecting the environment</td>
</tr>
<tr>
<td></td>
<td>pg. 40</td>
<td>pg. 50</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>A Healthy Diet</td>
<td>Handling Food</td>
<td></td>
</tr>
<tr>
<td></td>
<td>pg. 64</td>
<td>pg. 74</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Sources of Light</td>
<td>Light</td>
<td>Sound</td>
</tr>
<tr>
<td></td>
<td>pg. 88</td>
<td>pg. 92</td>
<td>pg. 106</td>
</tr>
<tr>
<td>5</td>
<td>The Solar System and Its Components</td>
<td>The Movements of Earth</td>
<td>Solar System Events</td>
</tr>
<tr>
<td></td>
<td>pg. 120</td>
<td>pg. 128</td>
<td>pg. 138</td>
</tr>
<tr>
<td></td>
<td>Cutouts</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>pages 159–169</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Glossary</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>pages 150–158</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Science Lab</td>
<td>Evaluations</td>
<td>Summary and Review</td>
<td></td>
</tr>
<tr>
<td>------------------------------------------------------</td>
<td>--------------------------------------------</td>
<td>--------------------------</td>
<td></td>
</tr>
<tr>
<td>What is a Root’s Function?</td>
<td>What Do You Know? Initial Evaluation</td>
<td>Test 1 Study Page</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Let’s Check! Intermediate Evaluation</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>What Did You Learn? Final Evaluation</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>pg. 18</td>
<td>pg. 9</td>
<td></td>
</tr>
<tr>
<td>What is the Difference between Organic and Inorganic Waste?</td>
<td>What Do You Know? Initial Evaluation</td>
<td>Test 2 Study Page</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Let’s Check! Intermediate Evaluation</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>What Did You Learn? Final Evaluation</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>pg. 58</td>
<td>pg. 39</td>
<td></td>
</tr>
<tr>
<td>Vitamin C in Fruit</td>
<td>What Do You Know? Initial Evaluation</td>
<td>Test 3 Study Page</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Let’s Check! Intermediate Evaluation</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>What Did You Learn? Final Evaluation</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>pg. 82</td>
<td>pg. 63</td>
<td></td>
</tr>
<tr>
<td>Does Light Travel Only in a Straight Line?</td>
<td>What Do You Know? Initial Evaluation</td>
<td>Test 4 Study Page</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Let’s Check! Intermediate Evaluation</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>What Did You Learn? Final Evaluation</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>pg. 102</td>
<td>pg. 87</td>
<td></td>
</tr>
<tr>
<td>Does the Moon Have Different Shapes during a Month?</td>
<td>What Do You Know? Initial Evaluation</td>
<td>Test 5 Study Page</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Let’s Check! Intermediate Evaluation</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>What Did You Learn? Final Evaluation</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>pg. 146</td>
<td>pg. 119</td>
<td></td>
</tr>
</tbody>
</table>
# Student’s Book Table of Contents

## Level 4

<table>
<thead>
<tr>
<th>Unit</th>
<th>Section 1</th>
<th>Section 2</th>
<th>Section 3</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1</strong></td>
<td>Ecosystems</td>
<td>Adaptations of Living Things</td>
<td>Food Chains</td>
</tr>
<tr>
<td><strong>Living Things and the Environment</strong></td>
<td>Education through Values: Respecting the environment</td>
<td></td>
<td></td>
</tr>
<tr>
<td>pages 8–35</td>
<td>pg. 10</td>
<td>pg. 18</td>
<td>pg. 30</td>
</tr>
<tr>
<td><strong>2</strong></td>
<td>The Skeletal System</td>
<td>The Muscular System</td>
<td>The Nervous System</td>
</tr>
<tr>
<td><strong>Coordination and Body Movement</strong></td>
<td></td>
<td></td>
<td>Education through Values: Respecting the environment</td>
</tr>
<tr>
<td>pages 36–71</td>
<td>pg. 38</td>
<td>pg. 46</td>
<td>pg. 58</td>
</tr>
<tr>
<td><strong>3</strong></td>
<td>Properties of Matter</td>
<td>Physical States of Matter</td>
<td>Measuring Matter</td>
</tr>
<tr>
<td><strong>Matter</strong></td>
<td></td>
<td>Education through Values: Respecting the environment</td>
<td></td>
</tr>
<tr>
<td>pages 72–101</td>
<td>pg. 74</td>
<td>pg. 82</td>
<td>pg. 94</td>
</tr>
<tr>
<td><strong>4</strong></td>
<td>Motion</td>
<td>The Effects of Force</td>
<td>Different Forces</td>
</tr>
<tr>
<td><strong>Force and Motion</strong></td>
<td></td>
<td>Education through Values: Taking care of yourself</td>
<td></td>
</tr>
<tr>
<td>pages 102–131</td>
<td>pg. 104</td>
<td>pg. 110</td>
<td>pg. 122</td>
</tr>
<tr>
<td><strong>5</strong></td>
<td>The Structure of the Earth</td>
<td>The Earth Changes</td>
<td></td>
</tr>
<tr>
<td><strong>The Earth Moves</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>pages 132–151</td>
<td>pg. 134</td>
<td>pg. 140</td>
<td></td>
</tr>
<tr>
<td><strong>Glossary</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>pages 152–160</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Cutouts</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>pages 161–169</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Section 4</td>
<td>Science Lab</td>
<td>Evaluations</td>
<td>Summary and Review</td>
</tr>
<tr>
<td>-----------</td>
<td>------------------------------------------------------------------------------</td>
<td>--------------------------------</td>
<td>--------------------</td>
</tr>
<tr>
<td></td>
<td>Why Do the Beaks of Birds Have Different Shapes?</td>
<td>What Do You Know? Initial Evaluation</td>
<td>Test 1 Study Page</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Let’s Check! Intermediate Evaluation</td>
<td>pg. 9</td>
</tr>
<tr>
<td></td>
<td></td>
<td>What Did You Learn? Final Evaluation</td>
<td>pg. 28</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>pg. 34</td>
</tr>
<tr>
<td></td>
<td>The Effects of Alcohol Consumption</td>
<td>What Do You Know? Initial Evaluation</td>
<td>Test 2 Study Page</td>
</tr>
<tr>
<td></td>
<td>How Do Your Muscles Work When You Bend Your Arm?</td>
<td>Let’s Check! Intermediate Evaluation</td>
<td>pg. 37</td>
</tr>
<tr>
<td></td>
<td></td>
<td>What Did You Learn? Final Evaluation</td>
<td>pg. 56</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>pg. 70</td>
</tr>
<tr>
<td></td>
<td>Does Making Ice Pops Produce a Change in State?</td>
<td>What Do You Know? Initial Evaluation</td>
<td>Test 3 Study Page</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Let’s Check! Intermediate Evaluation</td>
<td>pg. 73</td>
</tr>
<tr>
<td></td>
<td></td>
<td>What Did You Learn? Final Evaluation</td>
<td>pg. 92</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>pg. 100</td>
</tr>
<tr>
<td></td>
<td>Building a Spring Scale</td>
<td>What Do You Know? Initial Evaluation</td>
<td>Test 4 Study Page</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Let’s Check! Intermediate Evaluation</td>
<td>pg. 103</td>
</tr>
<tr>
<td></td>
<td></td>
<td>What Did You Learn? Final Evaluation</td>
<td>pg. 120</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>pg. 130</td>
</tr>
<tr>
<td></td>
<td>What Are the Effects of a Volcanic Eruption?</td>
<td>What Do You Know? Initial Evaluation</td>
<td>Test 5 Study Page</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>pg. 133</td>
</tr>
<tr>
<td></td>
<td></td>
<td>What Did You Learn? Final Evaluation</td>
<td>pg. 148</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>pg. 150</td>
</tr>
<tr>
<td>Unit</td>
<td>Section 1</td>
<td>Section 2</td>
<td></td>
</tr>
<tr>
<td>------</td>
<td>-----------</td>
<td>-----------</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Body Systems</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>The Levels of Biological Organization</td>
<td>The Digestive System</td>
<td></td>
</tr>
<tr>
<td></td>
<td>– The Discovery of Cells</td>
<td>– The Organs of the Digestive System</td>
<td></td>
</tr>
<tr>
<td></td>
<td>– Classifying Living Things</td>
<td>– The Digestive Process</td>
<td></td>
</tr>
<tr>
<td></td>
<td>– The Cell</td>
<td>– The Beginning of the Digestive Process</td>
<td></td>
</tr>
<tr>
<td></td>
<td>– Organs</td>
<td>– Swallowing</td>
<td></td>
</tr>
<tr>
<td></td>
<td>– Systems</td>
<td>– Peristaltic Movements</td>
<td></td>
</tr>
<tr>
<td></td>
<td>– Organisms</td>
<td>– Digestion in the Stomach: The Process Continues</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>– The End of the Digestive Process</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>– Absorption</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>– Elimination of Waste: The Final Process</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Nutrition and Health</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Nutrition</td>
<td>Microorganisms</td>
<td></td>
</tr>
<tr>
<td></td>
<td>– Food Gives Us Energy</td>
<td>– Health and Illnesses</td>
<td></td>
</tr>
<tr>
<td></td>
<td>– Food</td>
<td>– Types of Illnesses</td>
<td></td>
</tr>
<tr>
<td></td>
<td>– Components of Food</td>
<td>– Microorganisms: Bacteria, Fungi and Viruses</td>
<td></td>
</tr>
<tr>
<td></td>
<td>– Proteins</td>
<td>– Harmful Microorganisms</td>
<td></td>
</tr>
<tr>
<td></td>
<td>– Carbohydrates</td>
<td>– Beneficial Effects of Microorganisms</td>
<td></td>
</tr>
<tr>
<td></td>
<td>– Lipids</td>
<td>– Taking Care of Your Body</td>
<td></td>
</tr>
<tr>
<td></td>
<td>– Vitamins and Minerals</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>– Nutritional Composition of Foods</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>– The Food Pyramid</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Electricity</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Electric Energy</td>
<td>Electric Circuits</td>
<td></td>
</tr>
<tr>
<td></td>
<td>– Energy in Our Surroundings</td>
<td>– Electric Current</td>
<td></td>
</tr>
<tr>
<td></td>
<td>– Renewable Energy Sources</td>
<td>– Different Types of Electric Currents</td>
<td></td>
</tr>
<tr>
<td></td>
<td>– Changes in Electric Energy</td>
<td>– Electric Circuits</td>
<td></td>
</tr>
<tr>
<td></td>
<td>– Electricity: The Important Scientists</td>
<td>– Series Circuit</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>– Parallel Circuit</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>– Electric Circuits in Our Homes</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>The Hydrosphere</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Water on Earth</td>
<td>Characteristics of Oceans, Seas and Lakes</td>
<td></td>
</tr>
<tr>
<td></td>
<td>– Land and Water</td>
<td>– Differences between Fresh Water and Salt Water</td>
<td></td>
</tr>
<tr>
<td></td>
<td>– The Hydrosphere</td>
<td>– Types of Water in Oceans, Seas and Lakes</td>
<td></td>
</tr>
<tr>
<td></td>
<td>– Different Types of Water on Our Planet</td>
<td>– Characteristics of Oceans and Seas</td>
<td></td>
</tr>
<tr>
<td></td>
<td>– The Distribution of Water on Land</td>
<td>– Effects of Water Conditions on Living Things</td>
<td></td>
</tr>
<tr>
<td></td>
<td>– The Water Cycle</td>
<td>– Ocean Zones and Diverse Forms of Life</td>
<td></td>
</tr>
<tr>
<td></td>
<td>– The Importance of Water for Living Things</td>
<td>– Lakes</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>– Living Things in Lakes</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>– Seas</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>– Ocean Currents</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>– Waves</td>
<td></td>
</tr>
</tbody>
</table>

pg. 10

pg. 18

pg. 58

pg. 70

pg. 88

pg. 96

pg. 126

pg. 136
<table>
<thead>
<tr>
<th>Section 3</th>
<th>Section 4</th>
<th>Science Lab</th>
<th>Evaluations</th>
<th>Summary and Review</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Circulatory System</td>
<td>The Respiratory System</td>
<td>The Function of Saliva</td>
<td>What Do You Know? Initial Evaluation</td>
<td>Test 1 Study Page</td>
</tr>
<tr>
<td>– Understanding the Circulatory System</td>
<td>– Respiration</td>
<td></td>
<td>pg. 9</td>
<td></td>
</tr>
<tr>
<td>– Circulatory System Components</td>
<td>– Organs of the Respiratory System</td>
<td></td>
<td>Let’s Check! Intermediate Evaluation</td>
<td></td>
</tr>
<tr>
<td>– Our Blood</td>
<td>– The Role of Respiratory System Organs</td>
<td></td>
<td>pg. 32</td>
<td></td>
</tr>
<tr>
<td>– Components of Blood</td>
<td>– Understanding Respiration</td>
<td></td>
<td>What Did You Learn? Final Evaluation</td>
<td></td>
</tr>
<tr>
<td>– Blood Vessels</td>
<td></td>
<td></td>
<td>pg. 52</td>
<td></td>
</tr>
<tr>
<td>– Types of Blood Vessels</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>– The Heart’s Function</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>pg. 34</td>
<td>pg. 44</td>
<td>pg. 28</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>– Respiration</td>
<td></td>
<td>pg. 57</td>
<td>pg. 68</td>
<td></td>
</tr>
<tr>
<td>– Organs of the Respiratory System</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>– The Role of Respiratory System Organs</td>
<td></td>
<td>Let’s Check! Intermediate Evaluation</td>
<td>pg. 84</td>
<td></td>
</tr>
<tr>
<td>– Understanding Respiration</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Conductors and Insulators</td>
<td>Series and Parallel Circuits</td>
<td>What Do You Know? Initial Evaluation</td>
<td>Let’s Check! Intermediate Evaluation</td>
<td>Test 3 Study Page</td>
</tr>
<tr>
<td>– Conductors and Insulators of Electricity</td>
<td></td>
<td>pg. 87</td>
<td>pg. 108</td>
<td></td>
</tr>
<tr>
<td>– Conductors</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>– Insulators</td>
<td></td>
<td>Let’s Check! Intermediate Evaluation</td>
<td>pg. 120</td>
<td></td>
</tr>
<tr>
<td>– Components of a Circuit: Conductors and Insulators</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>– Daily Uses of Conductors and Insulators</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>– Safe Ways to use Electric Devices</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>pg. 110</td>
<td>pg. 104</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>The Effects of Water Pollution on Living Things</td>
<td>What Do You Know? Initial Evaluation</td>
<td>Let’s Check! Intermediate Evaluation</td>
<td>Test 4 Study Page</td>
<td></td>
</tr>
<tr>
<td>– The Effects of Water Pollution on Living Things</td>
<td></td>
<td>pg. 125</td>
<td>pg. 148</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Let’s Check! Intermediate Evaluation</td>
<td>pg. 154</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Glossary</td>
<td>pages 158–164</td>
<td>Cutouts</td>
<td>pages 165–185</td>
<td></td>
</tr>
</tbody>
</table>
# Student's Book Table of Contents

## Level 6

<table>
<thead>
<tr>
<th>Unit</th>
<th>Section 1</th>
<th>Section 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Energy in the Environment</td>
<td>Systems of a Food Chain</td>
</tr>
<tr>
<td></td>
<td>Education through Values: taking care of the environment</td>
<td>— Understanding Organization in Nature</td>
</tr>
<tr>
<td></td>
<td></td>
<td>— The Components of an Ecosystem</td>
</tr>
<tr>
<td></td>
<td></td>
<td>— Organisms and Their Role in an Ecosystem</td>
</tr>
<tr>
<td></td>
<td></td>
<td>— Energy Flow in an Ecosystem</td>
</tr>
<tr>
<td></td>
<td></td>
<td>— Not All Energy Is Used</td>
</tr>
<tr>
<td></td>
<td></td>
<td>— Trophic Levels, Chains and Systems</td>
</tr>
<tr>
<td>2</td>
<td>Energy</td>
<td>Energy and Changes</td>
</tr>
<tr>
<td></td>
<td>Education through Values: respecting the environment</td>
<td>— Energy and Objects</td>
</tr>
<tr>
<td></td>
<td></td>
<td>— Energy and Living Things</td>
</tr>
<tr>
<td>3</td>
<td>Matter and Its Transformations</td>
<td>Temperature and Heat</td>
</tr>
<tr>
<td></td>
<td>Education through Values: working in groups and respecting the environment</td>
<td>— Temperature</td>
</tr>
<tr>
<td></td>
<td></td>
<td>— Heat</td>
</tr>
<tr>
<td></td>
<td></td>
<td>— Thermal Equilibrium</td>
</tr>
<tr>
<td></td>
<td></td>
<td>— The Mechanisms of Heat Transfer</td>
</tr>
<tr>
<td>4</td>
<td>Earth and Its Resources</td>
<td>Changes in the Layers of the Earth</td>
</tr>
<tr>
<td></td>
<td>Education through Values: respecting the environment</td>
<td>— Changes in the Atmosphere</td>
</tr>
<tr>
<td></td>
<td></td>
<td>— How Can We Protect the Atmosphere?</td>
</tr>
<tr>
<td></td>
<td></td>
<td>— Changes in the Hydrosphere</td>
</tr>
<tr>
<td></td>
<td></td>
<td>— How Can We Protect the Hydrosphere?</td>
</tr>
<tr>
<td></td>
<td></td>
<td>— Changes in the Lithosphere</td>
</tr>
<tr>
<td></td>
<td></td>
<td>— How Can We Protect the Lithosphere?</td>
</tr>
</tbody>
</table>

- **Glossary**: pages 160–170
- **Cutouts**: pages 171–181
<table>
<thead>
<tr>
<th>Section 3</th>
<th>Section 4</th>
<th>Science Lab</th>
<th>Evaluations</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>The Effect of Human Activity on Food Chains</strong></td>
<td><strong>The Effect Light Intensity Has on Photosynthesis</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>– Can a Food System Be Changed?</td>
<td>– Natural Causes That Alter Food Systems</td>
<td></td>
<td></td>
</tr>
<tr>
<td>– The Harmful Effects of Human Activity</td>
<td>– The Harmful Effects of Human Activity</td>
<td></td>
<td></td>
</tr>
<tr>
<td>pg. 42</td>
<td>pg. 24</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Changes in State</strong></td>
<td><strong>Changes in State of Water</strong></td>
<td><strong>Thermal Equilibrium</strong></td>
<td></td>
</tr>
<tr>
<td>– Changes in State of Matter</td>
<td>– Transformations of Water</td>
<td></td>
<td></td>
</tr>
<tr>
<td>– Progressive Changes in State</td>
<td>– The Heating Curve of Water</td>
<td></td>
<td></td>
</tr>
<tr>
<td>– Regressive Changes in State</td>
<td>– The Cooling Curve of Water</td>
<td></td>
<td></td>
</tr>
<tr>
<td>pg. 98</td>
<td>pg. 102</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Soil Formation</strong></td>
<td><strong>Erosion</strong></td>
<td><strong>The Water Retention Capacity of Different Types of Soil</strong></td>
<td></td>
</tr>
<tr>
<td>– Soil</td>
<td>– Types of Erosion</td>
<td></td>
<td></td>
</tr>
<tr>
<td>– Soil Layers</td>
<td>– Consequences of Erosion</td>
<td></td>
<td></td>
</tr>
<tr>
<td>– Soil Properties</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>– Types of Soil</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>pg. 142</td>
<td>pg. 152</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Changes in State of Water</strong></td>
<td><strong>Solar Energy</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>– Transformations of Water</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>– The Heating Curve of Water</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>– The Cooling Curve of Water</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>pg. 66</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Solar Energy</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>– What Do You Know?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>– Initial Evaluation</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>– pg. 51</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>What Did You Learn?</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>– Final Evaluation</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>– pg. 70</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Thermal Equilibrium</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>– What Do You Know?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>– Initial Evaluation</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>– pg. 75</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Let’s Check!</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>– Intermediate Evaluation</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>– pg. 96</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>What Did You Learn?</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>– Final Evaluation</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>– pg. 106</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>