

# CONTENTS

Unit	Natural Science syllabus	Topics
1 Life processes 6	People and health	<ul style="list-style-type: none"> <li>■ Nutrition</li> <li>■ Systems involved in nutrition</li> </ul>
2 Our senses 16	People and health	<ul style="list-style-type: none"> <li>■ Sight</li> <li>■ Hearing</li> </ul>
3 People and health 26	People and health	<ul style="list-style-type: none"> <li>■ Health</li> <li>■ Prevention</li> </ul>
<b>TERM REVISION</b>		
4 Classifying living things 38	Living things	<ul style="list-style-type: none"> <li>■ Groups of living things</li> <li>■ Animals</li> </ul>
5 Plants 48	Living things	<ul style="list-style-type: none"> <li>■ The parts of a plant</li> <li>■ Photosynthesis</li> </ul>
6 Wild plants and crops 60	Living things	<ul style="list-style-type: none"> <li>■ Plant sensitivity</li> <li>■ The life cycle of plants</li> </ul>
<b>TERM REVISION</b>		
7 Forces and energy 72	Matter and energy	<ul style="list-style-type: none"> <li>■ The effects of forces</li> <li>■ Gravity</li> </ul>
8 Heat and light 82	Matter and energy	<ul style="list-style-type: none"> <li>■ Heat</li> <li>■ Conductors and insulators</li> </ul>
9 Machines 92	Technology, objects and machines	<ul style="list-style-type: none"> <li>■ The pulley</li> <li>■ The inclined plane</li> </ul>
<b>TERM REVISION</b>		
Cooperative project: Olive oil		

Topics		Know how to
<ul style="list-style-type: none"> <li>■ Sensitivity</li> <li>■ The nervous system</li> </ul>	<ul style="list-style-type: none"> <li>■ The locomotor system</li> <li>■ Reproduction</li> </ul>	Identify healthy diets
<ul style="list-style-type: none"> <li>■ Touch</li> <li>■ Smell</li> </ul>	<ul style="list-style-type: none"> <li>■ Taste</li> <li>■ Looking after your senses</li> </ul>	Interpret and use codes
<ul style="list-style-type: none"> <li>■ Health care</li> <li>■ Healthy habits</li> </ul>	<ul style="list-style-type: none"> <li>■ A healthy diet</li> <li>■ Accident prevention</li> </ul>	Mediate in a conflict
<ul style="list-style-type: none"> <li>■ Plants</li> <li>■ Algae</li> </ul>	<ul style="list-style-type: none"> <li>■ Fungi</li> <li>■ Bacteria</li> </ul>	Classify samples from living things
<ul style="list-style-type: none"> <li>■ Plant respiration</li> <li>■ Sexual reproduction</li> </ul>	<ul style="list-style-type: none"> <li>■ Asexual reproduction</li> <li>■ Plant classification</li> </ul>	Draw a flower using a magnifying glass
<ul style="list-style-type: none"> <li>■ Vegetation</li> <li>■ Crop farming</li> </ul>	<ul style="list-style-type: none"> <li>■ The process of farming</li> <li>■ Types of crops</li> </ul>	Choose and look after a plant
<ul style="list-style-type: none"> <li>■ Non-renewable energy sources</li> <li>■ Renewable energy sources</li> </ul>	<ul style="list-style-type: none"> <li>■ Transformation of energy</li> <li>■ Uses of energy</li> </ul>	Identify the effects of forces
<ul style="list-style-type: none"> <li>■ Properties of light</li> <li>■ Refraction</li> </ul>	<ul style="list-style-type: none"> <li>■ Composition of light</li> <li>■ Reflection</li> </ul>	Identify the primary colours of light
<ul style="list-style-type: none"> <li>■ The lever</li> <li>■ Complex machines</li> </ul>	<ul style="list-style-type: none"> <li>■ Operating parts</li> <li>■ Gears</li> </ul>	Build a catapult