




Science Curriculum Rolling Programme



= includes coverage of sustainability topics

(Y1-6 objectives covered through White Rose Science sustainability units)

EYFS

One Year Programme					
Aut1	Aut2	Spr1	Spr2	Sum1	Sum2
<p>Autumn BQ: What colour are the leaves?</p>	<p>My body BQ: How can I look after myself?</p>	<p>Compare & contrast environments BQ: Where is a camel from?</p>	<p>Spring BQ: What is best material for the Three Pigs to build a house from</p>	<p>Growth BQ: How do things change/grow over time?</p>	<p> Recycling BQ: Is the world changing a bad thing?</p>

Years 1 and 2



One Year programme





two sustainability topics to be covered each year across a two-year cycle



Aut1	Aut2	Spr1	Spr2	Sum1	Sum2
<p>Everyday materials</p> <p>BQ: Can we improve on the way we live our lives today?</p> <p> Plastic (Y2)</p>	<p><u>Seasonal changes</u> and STEM activities linked to design and make weather tools</p> <p>BQ: What would happen if the world stopped moving?</p>	<p>Animals including humans – the body</p> <p>BQ: Do I grow in the same way as a tomato?</p> <p> Cooking and growing (y1)</p>	<p>Animals including humans - animals</p> <p>BQ: Is it fair to keep animals as pets?</p>	<p>Living things and their habitats</p> <p>BQ: Should we be part of the food chain?</p> <p> Wildlife (y2)</p>	<p>Plants</p> <p><u>Seasonal changes</u></p> <p>BQ: What would happen if we lived for hundreds of years like a tree?</p> <p> Caring for our planet (y1)</p>



Years 3 and 4

Rolling Programme Cycle A - 2024-2025					
Aut1	Aut2	Spr1	Spr2	Sum1	Sum2
<p>Light and Dark BQ: How does the sun make light?</p>	<p>Forces BQ: How have our ideas about forces changed over time?</p>	<p>Magnets BQ: How does a compass work?</p>	<p>Animals, including the human body BQ: What makes you, you?</p> <p> Food waste (Y3)</p>	<p>Rocks and Fossils BQ: Can learning about the past help us learn about the future?</p>	<p>Plant lifecycles BQ: What are all the different ways that seeds disperse?</p> <p> Deforestation (Y4)</p>

Rolling Programme cycle B - 2023 - 2024					
Aut1	Aut2	Spr1	Spr2	Sum1	Sum2
<p>Classifying Living Things and Food Chains BQ: How and why do we classify living things?</p> <p> Biodiversity (Y3)</p>	<p>Sound and Hearing BQ: Does a sound happen if nobody is around to hear it?</p>	<p>Materials: Solids, liquids and Gases BQ: Where does a puddle go?</p>	<p>Plants BQ: What do plants need to grow as strong and healthy as possible?</p>	<p>Electricity BQ: Why are insulators as important as conductors?</p> <p> Energy (Y4)</p>	<p>Digestion and Health BQ: What does it mean to be healthy?</p>

Years 5 and 6

Rolling Programme - cycle A - 2023-2024				
Aut1	Aut2	Spr1	Spr2	Sum1
<p>Scientists and Inventors</p> <p>BQ: Can you make your own luck?</p>	<p>Properties and changes of materials</p> <p>BQ: Is everlasting ice possible?</p> <p> Global warming (Y5)</p>	<p>Forces</p> <p>BQ: Can the weak overcome the strong?</p>	<p>Animals including Humans, life cycles</p> <p>BQ: What does it mean to lead and happy and fulfilling life?</p>	<p>Living Things and their Habitats</p> <p>BQ: What impact do I have on the environment?</p> <p> Plastic Pollution (Y5)</p>

Rolling Programme cycle B - 2024 - 2025					
Aut1	Aut2	Spr1	Spr2	Sum1	Sum2
<p>Electricity</p> <p>BQ: Does electricity improve your life?</p> <p> Renewable energy (Y6)</p>	<p>Earth & Space</p> <p>BQ: Do I have what it takes to be an astronaut?</p>	<p>Light</p> <p>BQ: Does light ever stop travelling?</p> <p> Light Pollution (Y6)</p>	<p>Animal including humans, healthy living</p> <p>BQ: What does healthy look like?</p>	<p>Evolution and Inheritance</p> <p>BQ: Do you always have to agree?</p>	<p>Living things and classification</p> <p>BQ: Should everything have a label?</p>

