



Topic overview – Year 2/3 (CYCLE B)

Spring 2	
Topic name	Pollution Solution
Big question	How can we make a difference?
Linked books	A Planet Full of Plastic – Neal Layton Somebody Swallowed Stanley – Sarah Robert Greta and The Giants – Zoë Tucker Clean Up – Nathan Byron
Memorable experience	Conkers Trip
Outdoor learning	Conkers Trip
Reading aims	Find evidence in the text to answer questions. Retrieve information from the text. Answering and asking questions.
Writing aims	<p>Children will:</p> <ul style="list-style-type: none"> -Increase legality, consistency and control of handwriting. -Develop positive attitudes towards and stamina for writing through these pieces of writing: <p>Persuasive Writing – linked to A Planet Full of Plastic</p> <ul style="list-style-type: none"> -Using subordination and coordination -Sentence types (questions, statements and commands) -Turning notes into sentences <p>Story Writing – linked to Somebody Swallowed Stanley</p> <ul style="list-style-type: none"> -Using capital letters, finger spaces and full stops -Writing direct speech using inverted commas -Fronted adverbials -Paragraphs <p>Recount writing – linked to Conkers Trip</p> <ul style="list-style-type: none"> -Past tense -Word classes (verb, adverbs) <p>Instructions (How to grow a plant)</p> <ul style="list-style-type: none"> -Time adverbials -Word classes (verbs, adverbs) -Sentence types (questions, commands)
Speaking & listening aims	Take turns in conversations and listen to each other. Drawing on what they already know or on background information and vocabulary provided by the teacher.
Maths aims	<p>Fractions</p> <p>Children will learn about:</p> <ul style="list-style-type: none"> -recognising fractions e.g. half, quarter, third. -unit and non-unit fractions -fractions of an amount -equivalent fractions (Year 3) -tenths -comparing and ordering fractions -adding and subtracting fractions
Science aims	<p>Plants</p> <p>Children will</p> <ul style="list-style-type: none"> -Observe and describe how seeds and bulbs grow into mature plants. -Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy. -Identify and describe the functions of different parts of flowering plants: roots, stem/trunk, leaves and flowers. -Explore the requirements of plants for life and growth (air, light, water, nutrients from the soil, and room to grow) and how they vary from plant to plant.



	<p>-Investigate the way in which water is transported within plants. -Explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal. Investigation: What do plants need to grow? <i>Engage in practical enquiry to answer questions Make observations and take measurements Answer questions and conclude</i></p>
History aims	Within another topic.
Geography aims	<p>Whilst discussing environmental action/problems -children will be able to use maps, atlases, globes and digital mapping to locate countries and describe features studied (KS2) - children will be able to identify the location of hot and cold areas of the world (KS1) - children will be able to name and locate the world's seven continents and five oceans, building upon previous knowledge (KS1) - children will be able to use simple compass directions and locational and directional language to describe the location of features on a map (KS1)</p>
DT aims	<p>Recycled Cushion (textiles) Children will learn to: -Use a cross-stitch to join two pieces of fabric together. -Design and cut the template for a cushion. -Use cross-stitch and appliqué to decorate a cushion face. Make a cushion that includes appliqué and cross-stitch.</p>
Art and design aims	<p>Sculpture and 3D Children will create collages from recycled materials.</p>
Music aims	Within another topic.
Computing aims	<p>Digital Literacy (E-Safety) Safer Internet Day (February)</p> <p>Programming 2 <i>ScratchJr (5 lessons)</i> Children will: -Explore a new application. -Create an animation. -Make a musical instrument, use characters as buttons. -Programme a joke, follow an algorithm. -'The Three Little Pigs' algorithm, plan and use code to create an algorithm.</p>
PSHE aims	<p>Enterprise Challenge Each year, all classes will take part in an enterprise challenge based on their learning from the unit 'Economic Wellbeing'. Children will need to budget, set prices, collect money, count it and decide if they want to spend it on something for the class or save it.</p>
PE aims	<p>Hockey (4 weeks) and Tri-Golf (3 weeks) Year 2 Year 3 Children will be able to improve the way they coordinate and control their bodies and a range of equipment remember, repeat and link combinations of skills. <i>Children will consolidate and improve the quality of their techniques and their ability to link movements ·develop the range and consistency of their skills in all games.</i> Children will be able to choose, use and vary simple tactics. <i>Children will be able to improve their ability to choose and use simple tactics and strategies keep, adapt and make rules for striking and fielding and net games.</i> Children will be able to recognise and describe what their bodies feel like during different types of activity. <i>Children will know and describe the short term effects of different exercise activities on the body know how to improve stamina begin to understand the importance of warming up.</i> Children will be able to recognise good quality in performance use information to improve their work. <i>Children will be able to recognise good performance and identify the parts of a performance that need improving use what they have learned to improve their work.</i></p>
RE aims	<p>L2.5 Why do Christians call the day Jesus died 'Good Friday'? Children will learn: -to order Creation and Fall, Incarnation, Gospel and Salvation within a timeline of the Bible's 'big story'.</p>



	<ul style="list-style-type: none">-to offer suggestions for what the texts about the entry into Jerusalem, and the death and resurrection of Jesus might mean.-to give examples of what the texts studied mean to some Christians.-to make simple links between the Gospel texts and how Christians mark the Easter events in their church communities.-to describe how Christians show their beliefs about Palm Sunday, Good Friday and Easter Sunday in worship.- to make links between some of the stories and teachings in the Bible and life in the world today, expressing some ideas of their own clearly.
Foreign language aims	Within another topic.