

Year 2... Spring 2021

The Tol is Our Planet and our CENTRAL INVESTIGATION is:
My Actions Affect the Future

We will investigate:

- How what we throw away affects the planet (form)**
- The way we use our natural resources will influence our future (cause)**
- Changes in lifestyle are important to a sustainable future (connection)**
- How different cultures make use of natural resources (perspective)**

The AtL's we will show during this investigation are:	We will develop the following SKILLS:	The ACTION we might take is:	We will develop the following PUPIL PROFILE characteristic:
<ul style="list-style-type: none"> • Integrity • Tolerance • Respect • Appreciation • Empathy 	<p>Research; Formulating questions, Observing, Planning, collecting data, recording data, Organising data, interpreting data, presenting findings,</p> <p>Communication; Listening, Speaking, Reading, Writing, Viewing, Presenting, Non-verbal communication, Digital understanding</p>	<p style="text-align: center;"><i>Pupil Action</i></p> <p style="text-align: center;"><i>Must focus on and show how actions might impact on the UN 17 Sustainable Development Goals (Eco-Schools Initiative)</i></p>	<p style="text-align: center;">Collaborative</p> <p style="text-align: center;">Confident</p> <p style="text-align: center;">Caring</p>

	<p>Social; Accepting responsibility, Group decision making, adopting a variety of group roles, respecting others, resolving conflict, Cooperating and collaborating, Social and environmental responsibility, Global awareness, Leadership, Developing entrepreneurship</p> <p>Critical Thinking; Knowledge acquisition, Comprehension, Application, Analysis, Synthesis, Evaluation, Didactical thought</p>	<p>Quality education, Gender equality, Decent work and economic growth, Industry, innovation and infrastructure,</p>	
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As Mathematicians part of our Tol will....	As we are learning about Literature, Reading, Writing and Spelling in our Tol we will...	As Scientists part of our Tol will investigate....	As Historians and Geographers part of our Tol will...
<p>Tell and write the time to quarter to/past the hour and draw the hands on a clock face to show times. Begin to work in 5 minutes sections Know the number of minutes in an hour/hours in a day/seconds in a minute. Number and Place value; count forward and backwards, identify, represent and estimate numbers using different representations, including a number line, compare and order numbers from 0-100 using \geq, \leq and $=$ signs. Read and write numerals to at least 100 in</p>	<p>Formulate questions, observe, plan, acquire knowledge, comprehend, apply ourselves we will also be studying: New Year Resolutions Story maps comparing two traditional tales Story language planning 'Bossy' verbs Writing our own stories using the key elements of traditional tales. Poetry – Traditional rhymes Letter writing</p>	<p>Using observations and ideas to suggest answers to questions. We will experience different types of scientific enquiries including practical activities and begin to recognise ways in which they might answer scientific questions. The boys will learn to distinguish between an object and the material from which it is made. They learn about some of the ways materials can be changed and that heating can cause changes which produce materials which are often useful.</p>	<p>In this unit, the boys will learn how to describe a range of physical and human features of places using appropriate geographical terms; make geographical comparisons between localities studied; offer appropriate observations about locations of physical and human features; ask and respond to geographical questions; use maps and secondary sources. They will learn about the historical invention of plastics and how other countries are finding ways of reusing and</p>

<p>numerals and words. Identify and describe the properties of 3D shapes, including the number of edges, vertices and faces. Solve problems with addition and subtraction: using concrete objects and pictorial representation including those involving numbers, quantities and measures</p>		<p>Experimental and investigative work in this unit focuses on:</p> <ul style="list-style-type: none"> • thinking about what is expected to happen • making and recording observations and comparisons • deciding whether a test is fair. <p>The investigations also offer opportunities for the boys to relate science to domestic contexts... <i>eg cooking...</i> and to recognise hazards and risks to themselves, understanding how to control these.</p> <p style="text-align: center;"><u>Outdoor Learning</u></p> <p>Continuing our ongoing theme of 'Outdoor Learning', we will be enriching the curriculum with exciting woodland encounters at Pangbourne College. The boys will be working on scientific, creative, linguistic and social activities whilst also enjoying positive woodland experiences. We will be comparing the woodland site with that of our school site. Please see timetable for slight changes to our weekly routine.</p>	<p>recycling plastics. They will find out about plastic gyres in the oceans and what inventors are doing to help.</p>
<p>As we are developing Artists and Designers our Tol will explore....</p>	<p>To become Computer Scientists our Tol will help us investigate how...</p>	<p>As Performers our Tol will help us investigate....</p>	<p>To demonstrate how we impact our environment in PE and swimming we will learn</p>
<p>how to formulate questions, observe, plan, research, organise, communicate non-verbally, apply myself, evaluate the results of my work.</p> <p><u>Observational Drawing:</u> To look closely at an object and observe the intricate detail</p>	<p>To create animation using computer code to take action and raise awareness of the issues studied in class. Boys will learn how to program algorithms to create character movement and speech.</p>	<ul style="list-style-type: none"> ❖ Continue to build a repertoire of songs and dances. ❖ Acting out narratives based upon stories. ❖ Discussing the 'Carnival of the Animals'- which instruments can we hear? Why does it sound like a certain animal? ❖ Listening and Appraising. 	<p>Our Planet Combined walk/other ways to get around the astro. How far would they get combined. Using different sports equipment and different ways to move,</p> <p>Master basic movements including running, jumping, throwing and catching, as well as developing balance, agility and co-ordination,</p>

<p>The Art of Recycling: making a T-shirt bag</p> <p>Printing with recycled materials to create texture</p> <p>Materials collage</p> <p>The art of Andy Goldsworthy and Claes Oldenberg</p>			<p>and begin to apply these in a range of activities</p> <p>15 minute fitness sessions</p> <p>Well being charts.</p>
<p>We will take Action from our Tol by:</p> <ol style="list-style-type: none"> 1. Making a choice 2. Acting on our choice 3. Reflecting on our choice 4. Presenting our choice to an audience <p>Our actions will impact, in some way, on the Eco-Schools 17 SDG's</p>		<p>In PSHEE we investigate and discover...</p> <p>Relationships</p>	