

# Long Term plan 2019/20

## Term 1 Elmer: Journeys Term 2 Inventions Term 3 The Olympics

Y	Suggested Trips	Novel	Literacy-Genre	Application of mathematics	Science	History	Geography	ICT	DT	Languages	Art	Music	RE	PSHE	PE
4	Beach for mini olympics	Kindlekrax	Narrative  Persuasion	<p>Statistics -I interpret and present discrete and continuous data using appropriate graphical methods, including: bar charts and time graphs.</p> <p>Measures - I measure and calculate the perimeter of a rectilinear figure (including squares) in cm and m.</p>	<p>Living things and their habitats</p> <ul style="list-style-type: none"> <li>-I group living things in different ways.</li> <li>-I use classification keys to group, identify and name living things.</li> <li>-I create classification keys to group, identify and name living things (for others to use).</li> <li>-I describe how changes to an environment could endanger living things.</li> </ul> <p><b>Sound</b></p> <ul style="list-style-type: none"> <li>-I describe how sound is made.</li> <li>-I explain how sound travels from a source to our ears.</li> <li>-I know how sounds are made, associating some of them with vibrating.</li> <li>-I explore the correlation between pitch and the object producing a sound.</li> <li>-I explore the correlation between the volume of a sound and the strength of the vibrations that produced it.</li> <li>-I describe what happens to a sound as it travels away from its source.</li> </ul> <p><b>Working scientifically</b></p> <ul style="list-style-type: none"> <li>-I ask relevant scientific questions.</li> <li>-I use observations and knowledge to answer scientific questions.</li> </ul>	<p>Romans in our locality.</p> <ul style="list-style-type: none"> <li>- I use research skills to find answers to specific historical questions about our locality.</li> <li>- I research what it was like for children in a given period of history and present my findings to an audience.</li> <li>- I appreciate how our locality today has been shaped by what happened in the past.</li> <li>- I explain how historic items and artefacts can be used to help build up a picture of life in the past.</li> </ul>	<ul style="list-style-type: none"> <li>- I plan a journey from my town/ city to another place in England.</li> <li>- I find at least six cities in the UK on a map.</li> <li>- I name and locate some of the main islands that surround the United Kingdom.</li> <li>- I explain the difference between the British Isles, Great Britain and the United Kingdom.</li> </ul>	<p>E-SAFETY</p> <p>I follow the school's safer internet rules</p> <p><b>Digital literacy</b></p> <ul style="list-style-type: none"> <li>-I recognise acceptable and unacceptable behaviour using technology.</li> <li>-I understand the need to keep personal information and passwords private.</li> <li>-I understand that if I make personal information available online it may be seen and used by others.</li> <li>-I know how to respond if asked for personal information or feel unsafe about content of a message.</li> <li>-I recognise that cyber bullying is unacceptable and will be sanctioned in line with the school's policy.</li> <li>-I know how to report an incident of cyber bullying.</li> </ul>	<ul style="list-style-type: none"> <li>-I use ideas from other people when I am designing.</li> <li>-I produce a plan and explain it.</li> <li>-I evaluate and suggest improvements for my designs.</li> </ul>	<p><u>spoken language</u></p> <ul style="list-style-type: none"> <li>● I am starting to speak in sentences including descriptions of objects.</li> </ul> <p><u>reading</u></p> <ul style="list-style-type: none"> <li>● I use a bilingual dictionary or glossary to look up new words.</li> </ul> <p><u>Writing</u></p> <ul style="list-style-type: none"> <li>● I write phrases from memory.</li> </ul>	<p>Artists: John Brunsdon (landscapes) Matisse, Francis Bacon, Andy Warhol</p> <p><b>Areas of learning:</b> Drawing Collage</p> <ul style="list-style-type: none"> <li>-I show facial expressions and body language in sketches and paintings.</li> <li>-I use marks and lines to show texture in my art.</li> <li>-I use line, tone, shape and colour to represent figures and forms in movement.</li> <li>-I integrate my digital images into my art.</li> </ul>	<p>I perform simple part rhythmically. I sing songs from memory with accurate pitch. I explain why silence is often needed in music and explain what effect it has.</p> <p><b>Dame Evelyn Glennie- world famous deaf percussionist.</b></p>	<p><a href="#">Health &amp; Wellbeing</a></p> <ul style="list-style-type: none"> <li>*Healthy lifestyle</li> <li>*Growing and changing</li> <li>*Keeping safe</li> </ul>	<p><u>NUFC FOUNDATION</u></p> <p>Commando Joes</p> <p>Literacy</p> <p><u>OTHER</u></p> <p>Fundamental movements</p> <p>Multiskills</p> <p>Modified team sports</p>	

				<ul style="list-style-type: none"> <li>-I set up a simple enquiry to explore a scientific question.</li> <li>-I set up a test to compare two things.</li> <li>-I set up a fair test and explain why it is fair.</li> <li>-I make careful and accurate observations, including the use of standard units.</li> <li>-I use equipment, including thermometers and data loggers to make measurements.</li> <li>-I gather, record, classify and present data in different ways to answer scientific questions.</li> <li>-I use diagrams, keys, bar charts and tables, using scientific language.</li> <li>-I use findings to report in different ways, including oral and written explanations, presentation.</li> <li>-I draw conclusions and suggest improvements.</li> <li>-I make a prediction with a reason.</li> <li>-I identify differences, similarities and changes related to an enquiry.</li> </ul>									
Great North Museum	The a2Tin Forest	Explanation  Narrative	<p>Measures - I find the area of rectilinear shapes by counting squares.</p> <p>Geometry - I describe positions on a 2D grid as coordinates in the first quadrant.</p>	<p><b>Electricity</b></p> <ul style="list-style-type: none"> <li>-I identify and name appliances that require electricity to function.</li> <li>-I construct a series circuit.</li> <li>-I identify and name the components in a series circuit (including cells, wires, bulbs, switches and buzzers).</li> <li>-I draw a circuit diagram.</li> <li>-I predict and test whether a lamp will light within a circuit.</li> <li>-I describe the function of a switch in a circuit.</li> <li>-I describe the difference between a conductor and an insulator, giving examples of each.</li> </ul>	<p>Romans and their inventions.</p> <ul style="list-style-type: none"> <li>- I talk about at least three things that the Romans did for our country.</li> <li>- I explain why the Romans needed to build forts in this country.</li> <li>- I understand that Rome was a very important place and many decisions were made there.</li> <li>- I know about the lives of at least two famous Romans.</li> </ul>	<p>Information technology <a href="#">See 'There's an app for that' user guide.</a></p> <p> safer Internet Day- 5 Feb.</p> <ul style="list-style-type: none"> <li>-I select and use software to accomplish given goals.</li> <li>-I collect and present data.</li> <li>-I produce and upload a podcast.</li> <li>-I know the difference between online communication tools used in school and those used at home.</li> <li>-I understand the need to develop an alias for some public online use.</li> <li>-I understand that the outcome of internet searches</li> </ul>	<ul style="list-style-type: none"> <li>-I evaluate products for both their purpose and appearance.</li> <li>-I explain how I have improved my original design.</li> <li>-I present a product in an interesting way.</li> </ul>	<p>spoken language.</p> <ul style="list-style-type: none"> <li>● I name and describe a wider range of people.</li> <li>● I name and describe a wider range of places.</li> <li>● I name and describe a wider range of objects.</li> </ul> <p>reading.</p> <ul style="list-style-type: none"> <li>● I read a passage independently.</li> </ul> <p>Writing</p> <ul style="list-style-type: none"> <li>● I write 2-3 short sentences on a given topic.</li> <li>● I say what I like/dislike about a given topic.</li> </ul>	<p>Artists: Clay forms (i.e. greek/roman vases), JMW Turner, Georgia O'Keefe</p> <p>Area of learning: 3D, Painting</p> <ul style="list-style-type: none"> <li>-I show facial expressions and body language in sketches and paintings.</li> <li>-I experiment with the styles used by other artists.</li> <li>-I explain some of the features of art from historical periods.</li> <li>-I sculpt clay and other mouldable materials.</li> <li>-I experiment with the styles used by other artists.</li> </ul>	<p>I improvise using repeated patterns. I identify the character in a piece of music.</p>	<p>Relationships</p> <ul style="list-style-type: none"> <li>*Feelings and Emotions</li> <li>*Valuing difference</li> <li>*Healthy Relationships</li> </ul>	<p>NUFC FOUNDATION</p> <p>Gymnastics</p> <p>Match Fit- PSHE</p> <p>OTHER</p> <p>ATT &amp; DEF Invasion Games Problem Solving &amp; Challenge Games</p> <p>Net &amp; Wall Games</p>	

				<p><b>Working scientifically</b></p> <ul style="list-style-type: none"> <li>-I ask relevant scientific questions.</li> <li>-I use observations and knowledge to answer scientific questions.</li> <li>-I set up a simple enquiry to explore a scientific question.</li> <li>-I set up a test to compare two things.</li> <li>-I set up a fair test and explain why it is fair.</li> <li>-I make careful and accurate observations, including the use of standard units.</li> <li>-I use equipment, including thermometers and data loggers to make measurements.</li> <li>-I gather, record, classify and present data in different ways to answer scientific questions.</li> <li>-I use diagrams, keys, bar charts and tables, using scientific language.</li> <li>-I use findings to report in different ways, including oral and written explanations, presentation.</li> <li>-I draw conclusions and suggest improvements.</li> <li>-I make a prediction with a reason.</li> <li>-I identify differences, similarities and changes related to an enquiry.</li> </ul>			at home may be different than at school.						
	The Village that Vanished	<p>Narrative</p> <p>Recount</p> <p>Instructions</p>	<p>Statistics - I solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.</p> <p>Geometry - I describe positions on a 2D grid as coordinates in the first quadrant.</p> <p>Geometry - I describe</p>	<p><b>States of matter</b></p> <ul style="list-style-type: none"> <li>-I group materials based on their state of matter (solid, liquid, gas).</li> <li>-I describe how some materials can change state.</li> <li>-I explore how materials change state.</li> <li>-I measure the temperature at which materials change state.</li> </ul>		<p>I carry out research to discover features of villages, towns and cities</p> <ul style="list-style-type: none"> <li>- I name the areas of origin of the main ethnic groups in the United Kingdom and in our school.</li> </ul>	<p><b>Algorithms and programming</b></p> <ul style="list-style-type: none"> <li>-I experiment with variables to control models.</li> <li>-I give an on-screen robot specific instructions that takes them from A to B.</li> <li>-I make an accurate prediction and explain why I believe something will happen (linked to programming).</li> </ul>	<ul style="list-style-type: none"> <li>-I measure accurately.</li> <li>-I persevere and adapt my work when my original ideas do not work.</li> <li>-I know how to be both hygienic and safe when using food.</li> </ul>	<p><u>Spoken language</u></p> <ul style="list-style-type: none"> <li>● I have a short conversation saying 3-4 things about a wider range of topics.</li> <li>● I give a response using a short phrase.</li> </ul> <p><u>Reading</u></p> <ul style="list-style-type: none"> <li>● I explain the main points in a short passage that I have read.</li> </ul>	<p><b>Artists:</b> African Prints, Michael Brennard-Wood</p> <p><b>Area of learning:</b> Printing Textiles</p> <ul style="list-style-type: none"> <li>-I print onto different materials using at least four colours.</li> <li>-I experiment with the styles used by other artists.</li> <li>-I show reflections in my art.</li> </ul>	<p>I use notation to record and interpret sequences of pitches.</p> <p>I use notation to record compositions in a small group or on my own.</p> <p>I identify and describe the different purposes of music.</p> <p>I begin to identify the style of work Beethoven, Mozart and Elgar.</p>	<p><a href="#">Living in the Wider World</a></p> <ul style="list-style-type: none"> <li>*Rights and Responsibilities</li> <li>*Taking care of the environment</li> <li>*Money</li> </ul>	<p><u>NUFC FOUNDATION</u></p> <p>Modified Team Games</p> <p>Athletics and Fitness</p> <p><u>OTHER</u></p> <p>Striking &amp; Fielding</p> <p>Athletics &amp; Fitness</p> <p>Football</p>



