

Long Term Topic Planner - Year Six

<u>Term One</u>	
Topic Name	Were the Vikings Always Victorious and Vicious
<u>Knowledge, Skills and Understanding</u>	
<u>History</u>	<u>Art</u>
<p>I can say where a period of history fits on a timeline? I can place a specific event on a timeline by decade? I can summarise the main events from a specific period in history, explaining the order in which key events happened? I can summarise what Britain may have learnt from other countries and civilizations through time gone by and more recently? I can describe features of historical events and people from past societies and periods they have studied? I can recognise and describe differences and similarities/ changes and continuity between different periods of history? I can describe a key event from Britain's past using a range of evidence from different sources.</p>	<p>Do their sketches communicate emotions and a sense of self with accuracy and imagination? Can they explain why they have combined different tools to create their drawings? Can they explain why they have chosen specific drawing techniques? Do they combine graphics and text based research of commercial design, for example magazines etc., to influence the layout.</p>
Mastery	
<p>I can demonstrate a deep knowledge and understanding of the skills I have learnt and apply them in a variety of contexts.</p>	

Maths	English
I Can use negative numbers in context (timeline to scale). I Know how to work out the area of rectangles.	To write a diary entry as a Viking.
Outdoor Provision	WOW Moment

<u>Term One</u>	
Topic Name	Could you be the next Nintendo Apprentice?
<u>Knowledge, Skills and Understanding</u>	
<u>Science</u>	
<p>I can identify and name the basic parts of a simple electric series circuit? (cells, wires, bulbs, switches, buzzers, motors)</p> <p>I can compare and give reasons for variation in how components function, including bulb brightness, buzzer volume and on/off position of switches?</p> <p>I can explain how to make changes in a circuit?</p> <p>I can explain the impact of changes in a circuit?</p> <p>I can explain the effect of changing the voltage of a battery?</p>	
Mastery	
I can demonstrate a deep knowledge and understanding of the skills I have learnt and apply them in a variety of contexts.	
Maths	English
<p>I Can calculate the mean. – mean scores from ‘bop it’ championship</p> <p>I understand position and direction – movement</p>	<p>Instructional writing – writing instructions for an electronic game.</p> <p>Persuasive Letter writing</p>
Outdoor Provision	WOW Moment
Position and Direction – Obstacle Course to Navigate	BOP IT Tournament

Term Two

Topic Name

Will you ever see the water that you drink again?

Knowledge, Skills and Understanding

Geography

Art

I can use OS maps to answer questions?
I can make careful measurements and use the data?
I can use maps, aerial photos, plans and web resources to describe what a locality might be like?
I can recognise key symbols used on ordnance survey maps?

I can explain what their own style is?
I can use a wide range of techniques in their work?
I can explain why they have chosen specific painting techniques?

Mastery

I can demonstrate a deep knowledge and understanding of the skills I have learnt and apply them in a variety of contexts.

Maths

English

To use negative numbers in context.
I interpret and draw line graphs.
To read a grid reference on the full co-ordinate grid.
Capacity/ Measurement

Descriptive Writing
Narrative writing
Explanation Text – explain the water cycle

Outdoor Provision

WOW Moment

River Study

River Study
Building the Journey of a River

Term Two

Topic Name

What would a journey through your body be like?

Knowledge, Skills and Understanding

Science

- I can plan and carry out an investigation by controlling variables fairly and accurately?
 - I can make a prediction with reasons?
- I can record more complex data and results using scientific diagrams, labels, classification keys, tables, scatter graphs, bar and line graphs?
- I can report findings from investigations through written explanations and conclusions?
 - I can use a graph to answer scientific questions?
 - I can identify and explain the function of the organs of the human circulatory system? (heart, blood vessels, blood)
 - I can name the major organs in the human body?
 - I can locate the major human organs?
 - I can make a diagram that outlines the main parts of a body?

Mastery

I can demonstrate a deep knowledge and understanding of the skills I have learnt and apply them in a variety of contexts.

Maths

Line graphs, scatter graphs, statistics

English

Explanation text

Outdoor Provision

WOW Moment

Dissecting a Pig's Heart

<u>Term Two</u>	
Topic Name	Have I always looked like this?
<u>Knowledge, Skills and Understanding</u>	
<u>Science</u>	<u>Art</u>
<ul style="list-style-type: none"> •I can give reasons for why living things produce offspring of the same kind? •I can give reasons for why offspring are not identical with each other or with their parents? •I can explain the process of evolution and describe the evidence for this? •I can begin to appreciate that variation in offspring over time can make animals more or less able to survive in particular environments? •I can talk about the life of Charles Darwin? 	<p>I can create models on a range of scales? I can create work which is open to interpretation by the audience? I can include both visual and tactile elements in their work?</p>
<p>Mastery I can demonstrate a deep knowledge and understanding of the skills I have learnt and apply them in a variety of contexts.</p>	
Maths	English
Probability Measuring	Non-Chronological Report
Outdoor Provision	WOW Moment
	DNA Extraction

<u>Term Three</u>	
Topic Name	I'm a Year 6 Child get me out of Here!
<u>Knowledge, Skills and Understanding</u>	
<u>Geography</u>	
<p>I can confidently explain scale and use maps with a range of scales? I can use OS maps to answer questions? I can use maps, aerial photos, plans and web resources to describe what a locality might be like. I can give an extended description of the physical features of different places around the world? I can describe how some places are similar and others are different in relation to their human features? I can accurately use a 4 figure grid reference? I can create sketch maps when carrying out a field study? I can describe how some places are similar and others are different in relation to their physical features. I can recognise key symbols used on ordnance survey maps?</p>	
Mastery	
I can demonstrate a deep knowledge and understanding of the skills I have learnt and apply them in a variety of contexts.	
Maths	English
Grid references	Descriptive Writing
Outdoor Provision	WOW Moment
Landscape Drawing	Hike up Turton Heights

