

### Year 10 SOW overview - Project based learning (2021/2022)

Dates	TOPIC FOCUS	Literacy/Reading	Problem Solving, Reasoning & Numeracy	ICT	Personal, Social & Emotional Development	Art/DT	History/ Geography
<b>Term 1</b>							
<p><b>1<sup>st</sup> Half Term</b></p> <p><b>September - October</b></p> <p>Possible trips/talks: Tower ballroom</p> <p>Blackpool historians</p>	<p><b>Topic:</b> <b>Time travel</b></p> <p><b>A study on the town, Blackpool, 'Over the ages'</b></p>	<p>Newspaper article from the time of industrial revolution in Blackpool</p>	<p>Perimeter and area</p> <p>Numeracy - population</p> <p>Percentage - birth rates</p>	<p>Research</p> <p>Power point presentation</p> <p>Data Structure</p> <p>Database</p>	<p>Reducing poverty</p> <p>Improved healthcare</p> <p>Improved education</p> <p>Women's rights</p> <p>Family planning,</p>	<p>Graffiti</p> <p>Looking at different styles of graffiti by different artists</p> <p>Students produce their own graffiti piece linked to local surroundings</p>	<p>History of Blackpool- how was Blackpool affected by WW2</p> <p>What was Blackpool like in the early 1900s?</p> <p>Field work - local knowledge and maps</p> <p>Journey through Medieval Blackpool</p> <p>How was transport improved?</p> <p>Human and physical geography - urbansiation</p> <p>Give reasons for contrasting rates of natural population change</p>

<p><b>2nd Half Term</b></p> <p>Possible trips: Pleasure beach</p>	<p><b>Topic :</b> <b>Blackpool's newest attraction</b></p> <p><b>Design a new attraction for the pleasure beach</b></p> <p><b>Blackpool pleasure beach over the ages linked to tourism</b></p>	<p>Narrative writing which includes travelling back in time to when the pleasure beach was first opened</p>	<p>Height Measurement</p> <p>Probability</p> <p>Data</p> <p>Construction and scale drawing</p> <p>Money - Fractions, Decimals and Percentages</p> <p>Coordinates and straight lines Practical use of arithmetic</p>	<p>Research material</p> <p>Create surveys using forms or other forms of media</p> <p>Algorithms</p> <p>Business presentation - power point/ design/ slide transition</p> <p>Scratch</p>	<p>Living Sustainability</p> <p>Improved healthcare</p> <p>Improved education</p> <p>Tourism Energy</p>	<p>Produce a leaflet/ poster for a new ride to promote the pleasure beach</p> <p>Sketch/ pen/ pencil designs</p>	<p>research population data (and change over time to indicate growth)</p> <p>identify evidence from the map to suggest the function of the attraction</p> <p>research how the attraction has grown over time and the reasons why</p> <p>research and use map evidence to describe the service provision for the attraction</p> <p>Describe and explain the growth of tourism in relation to the main attractions of the physical and human landscape</p> <p>explain the differences using key terminology.</p> <p>Changing landscape - iron age to present</p> <p>Surveys - Tourism</p> <p>Travel and tourism - network (Rail/ car/ tram) evolution over time</p>
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Dates <b>Term 2</b>	TOPIC FOCUS	Literacy/Reading	Problem Solving, Reasoning & Numeracy	ICT	Personal, Social & Emotional Development	Art/DT	History/ Geography
January – February  Possible trips/ talks :  Local marine biologist  Local fishermen  Zoo / Sea life center	<b>Topic: Human Impact on the environment both locally and world wide.</b>  Local study - fishing industry  <b>Sea life - local issues</b>	Explanation Text Planning, writing and editing a non-fiction text based on 'How did life change for fishermen over the years	Percentages  Data  Surveys	Research  Spreadsheets  Word Processing	Shared Responsibilities  Living in the wider world	Observational pencil sketch of the eye.  Perspective drawings	Draw upon contrasts, and analyse trends with periods over time  Extend local knowledge and deepen spatial awareness of world countries to study different environmental regions.  Ariel and satellite images- impact

<p><b>February – April</b></p>	<p><b>Topic:</b> <b>Fragile Earth</b></p> <p>Impact of natural disasters around the World and closer to home</p> <p>Amazon rain forest</p>	<p><b>Persuasive Letter</b></p> <p>Write to a local representative persuading them to talk action on a current world issue.</p> <p>Giving a classic tale a twist and including an important message about looking after the planet for a local primary school.</p>	<p>Perimeter, Area and Volume</p> <p>Ratio and Proportion</p> <p>Travel graphs</p>	<p><b>Adaptation</b></p> <p>Identifying ways in which plants and animals are suited to their environment</p> <p>Formation of fossils</p>	<p>Respecting self and others 2 Shared</p> <p>Responsibilities</p> <p>Shared Responsibilities</p>	<p>Research environmental artists and choose one to focus on Develop an environmental piece using a range of materials based on your chosen artists</p> <p>Pencil drawings/ photography and paint</p>	<p>Fragile Earth</p> <p>Study of natural disasters and their effects on people and places</p> <p>Case studies from contrasting localities</p> <p>Impact of current world issues such as palm oil and plastic Describe the main types and features of volcanoes and earthquakes</p> <p>Describe the causes and effects of deforestation of the tropical rainforest.</p>
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Dates <b>Term 3</b>	TOPIC FOCUS	Literacy/Reading	Problem Solving, Reasoning & Numeracy	ICT	Personal, Social & Emotional Development	Art/DT	History/ Geography
<b>April - July</b>	<p><b>Topic:</b> <b>The Olympics comes to Blackpool</b></p> <p><b>Blackpool to host the next Olympic games</b></p>	<p><b>Newspaper Report</b></p> <p>Planning and writing report based on the Olympic Games. Develop knowledge of further features.</p> <p>Time shift Stories</p> <p>Narrative writing which includes travelling back in time to when the Olympics first began.</p>	<p>Properties of Shapes</p> <p>Statistics</p> <p>Investigations</p> <p>Consolidation</p> <p>Linear Graphs Non-Linear Graphs</p> <p>Linear Programming</p>	<p>Communication and Internet</p> <p>Spreadsheets</p> <p>Sound and Video Editing Emerging Technologies</p> <p>HTML, Python, Visual Basic</p>	<p>Communities - Diversity 1</p> <p>Communities - Stereotypes 2</p> <p>Communities - Prejudice 3</p> <p>Economic Wellbeing - Money 1</p> <p>Economic Wellbeing - Money 2</p> <p>Fair play Respect British Values</p>	<p>Design, make and evaluate an Olympic mascot using a variety of materials</p> <p>Research on past Olympic mascots - meaning behind their designs - create a selling pitch for your mascot</p>	<p>Locating the countries of the Olympic Games Map reading</p> <p>History of the Olympic Games</p> <p>History of sports within the Olympic</p> <p>History of Olympic values</p>