

Hogarth Academy

Term taught: Autumn

<p>Core basic skills</p>	<p>Topic Title: Rivers Deep Mountains High</p>	<p>Main subject: the children will learn the following skills Identify the position and significance of lat/long/equ/N.hemis/S.hemis and time zones Use maps to locate countries and their river/mountain features. Use 4 and 6 figure grid references. Mapping the bed of a river. Measuring the speed of flow. The different stages of a river.</p>	
<p>Writing: The children will learn to write Adventure stories (1st and 3rd person) Explanations Reports Poetry</p>	<p>The topic challenge is: Create a 3-D model of a famous mountain range/river system We will share this with: Whole School</p>	<p>Cross Curricular Writing: Application of skills Report on famous river system/mountain range Adventure story based on river/mountain based activities, e.g. climbing/rafting River shaped poem using personification Explanations on – water cycle/growth in varied climates/clothing in varied climates</p>	
<p>Reading: the children will learn these reading skills Skimming, scanning, quoting, inference, deduction, referring</p> <p>Guided Reading – Chose own texts for groups to read</p>	<p>Healthy Lifestyles: PE – Tag rugby / netball / gymnastics PSHE/SEALs – New Beginnings / Getting On and Falling Out</p>	<p>Cross Curricular Reading: Application of skills Following instructions on making a working water cycle model Information texts for research Adventure story examples to stimulate ideas</p>	
<p>Numeracy: the children will learn these mathematical skills Place value Addition / Subtraction / Multiplication / Division – Mental and written methods Fractions Co-ordinates</p>	<p>Global Dimension: RE – Islam Eid 23rd Sept New Year 14th Oct / Christmas Spanish History – Impact of the Nile in Egypt</p>	<p>Maths in topic – problem solving Use of scales on maps. Calculating speeds and distances of river journeys. Linear sequence problem, e.g transport on the Trent</p>	
<p>Computing: the children will learn the following skills Researching – using search engines to find information about famous rivers and mountains Creating a multimedia presentation – using copy and paste / include animations / sounds</p>	<p>Environmental Challenge: Eco – Effects of flooding / Growing plants under different conditions – explanations (Prior knowledge) Outdoor learning –Purifying water BC</p>	<p>Communication: how will the children reflect on their independent learning? Feedback Friday Green pen actions</p>	
	<p>Technical Work: DT – 3-D model Science Clothing to suit varied environments / Water cycle – study and create model to resemble cycle / Adaption & Classification of animals and habitats</p>	<p>Visits: Mosque Canoeing Trip (Take Care Week) Adventure to Hardwick Hall (Bushcraft) Dovedale – River studies</p>	
	<p>Creative Learning: Art/Music – Landscape pictures using watercolours / Satellite images Make panpipes and create own tune</p>		