



<p>Topic title: Water and Reservoirs Key question: What's the most important resource in the world, and who owns it?</p>			
<p>Key outcomes: In this theme, the children will learn about the causes and symptoms of cholera and explain why this very infectious disease caused thousands of deaths during epidemics in cities such as Birmingham in Victorian times. They will then learn about reservoirs and how these are built to supply towns and cities with fresh water. They will also look at water consumption and why conserving water is an important thing to do.</p>	<p>Maths The children will learn these mathematical skills:</p> <ul style="list-style-type: none"> - Find equivalent fractions; - Convert fractions from mixed numbers to improper fractions and vice versa; - Compare different fractions; - Add and subtract fractions; - Multiply and divide fractions. 	<p>Science: Living Things and their Habitats</p> <p>Identify the 7 characteristics of living things (MRS NERG) Sort and group living things based on their features, e.g. micro-organisms, plants and animals and that they can be sub divided Describe how living things are classified into broad groups according to observable characteristics, Discuss why living things are placed in one group but not another Explore the work of significant scientists – Carl Linnaeus Classify living things using the Linnean system Identify different micro-organisms and understand some are helpful and some are harmful</p>	<p>Writing: Text: The Vanishing Trick</p> <ul style="list-style-type: none"> • To write a balanced argument; • To write a persuasive text about the 'greatest invention ever'; • To entertain by retelling a narrative (Christmas Carol); • To create a winter haiku and retell poems.
<p>Reading:</p> <ul style="list-style-type: none"> • Various VIPERS texts across topics linked to our learning. <p>Class Text:</p> <ul style="list-style-type: none"> • The Vanishing Trick by Jenni Spangler. 	<p>Geography: Water and Reservoirs</p> <p>What were the 'treasures of untold value'?</p> <p>Why were reservoirs built in Wales?</p> <p>How is Wales different to where they live?</p> <p>Why is water our most precious resource?</p>	<p>Creative Learning: (Art/DT) Papier Mache 3D Modelling Recreate the water cycle using a papier mache 3D model.</p> <p>Form and Shape Construct from observation, informed by learning in science.</p> <p>Planning</p>	<p>Healthy Mind and Healthy Body: (PE, Anti-bullying/cyber bullying)</p> <p>PE Session 1: Invasion Games</p> <ul style="list-style-type: none"> • use running, jumping, throwing and catching in isolation and in combination • play competitive games, modified where appropriate, and



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	<p>Do all countries use the same amount of water? How can we conserve our water resources? What were the ‘treasures of untold value’? Why were reservoirs built in Wales? How is Wales different to where they live? Why is water our most precious resource? Do all countries use the same amount of water? How can we conserve our water resources?</p>	<p>Plan through drawing and prep work. Produce intricate patterns and textures in a malleable media.</p>	<p>apply basic principles suitable for attacking and defending PE Session 2 Team games and sports</p> <ul style="list-style-type: none"> - Encouraging the children to develop their teamwork and put into practice skills developed during Session 1. - Work on resilience and sportsmanship through challenging, team-based games.
<p>Music Dynamics, pitch and texture (Theme: Coast - Fingal’s Cave by Mendelssohn) Appraising the work of Mendelssohn and further developing the skills of improvisation and composition</p>	<p>R.E. Christians, Hindus and Jewish people If God is everywhere, why go to a place of worship? Present ideas about the importance of people in a place of worship, rather than the place itself.</p>	<p>PSHE: Health and Wellbeing Relaxation/Mindfulness What Can I Be? Taking Responsibility For My Health The Impact of Technology on Health Resilience Immunisation Physical Health Concerns Good and Bad Habits</p>	<p>Computing: Kapow Y6 Digital Literacy/Information Technology Creating media: History of computing</p> <ul style="list-style-type: none"> ▪ <i>Understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration</i>



French:
Lightbulb languages
Unit 10: Journeys and Travel

I can recognise how symbols, products, objects can represent the culture of a country.

Additional Work at Home

Charles Dickens Show - How the source of Cholera was discovered in London

<https://www.bbc.co.uk/programmes/p011t68y>

Thurcaston and Cropston Local History Society - the history of Cropston Reservoir

http://www.thurcastoncropstonhistory.org.uk/cropston/cropston_reservoir/

Flint Water Crisis - How it happened

<https://www.britannica.com/event/Flint-water-crisis>