

Lower Key Stage 2 Themes (these are taught over a 2 year period)

Fantastical Food

During this theme Children will be investigating solids, liquids and gases in preparation for hosting a party for parents at the end of the theme e.g. helium balloons, make food/ice lollies and drinks for the party. They will explore how states of matter can be changed through heating and cooling investigations involving data logging/thermometers, e.g. melting chocolate to make rice crispy cakes, freezing layers of liquid to create ice lollies; investigating how evaporation and condensation works through practical investigations e.g. how long it takes an ice cube to melt and relate to the preparation of the party. Children will use ICT to create menus and invitations for parents and through art develop printing skills to make their own wrapping paper/napkins/table cloths in preparation for their party.

Life Before We Knew It

Children will receive a letter from Archie the archaeologist telling them he has found historical artefacts in the school grounds and he needs their help to investigate what time period they are from. During this history based unit, children will explore the Stone age, Bronze age and Iron age in chronological order and focus on what has changed through the periods, using timelines. Children will be using the internet and books, addressing e safety to find out about human achievements and what life was like including: tools, buildings, food, clothes, defence and religion. They will identify how life has changed compared to today. Children will find out about Skara Brae, use textiles to show how they dyed material and use their art and DT skills to create their own Stone Age house.

Shake, rattle and roll

Through scientific exploration this theme will focus on how sounds are made and travels. Children will receive a letter from a music expert e.g. Mr Guy Tar asking them to invent a new instrument. In order to do this they will investigate patterns of pitch and volume and how this relates to vibrations. They will find out what insulation is and how it is used as well as investigating which materials provide the best insulation. Musical instruments will be explored from around the world and children will use their DT skills to make their own instrument for Mr Guy Tar. Children should have the opportunity to advertise, sell and perform with their musical instrument to their learning partner

Our World War

This history based unit is based on our local area and how it is linked to WW2. Children will locate Ellistown using maps and look at how the locality has changed over time. Children will identify the main events in WW2 using timelines. They will focus on why Ellistown was used as an evacuation town and explore what day to day life was like e.g. rationing, the Blitz, propaganda, women's roles etc. In DT, children will bring in items to make do

Secret garden

This science based theme focuses on living things. Children will receive an invitation to go into a secret garden where they will find out how plants grow in order to grow their own weird and wonderful vegetables e.g. purple carrots, rainbow radishes which they will then sell at the summer fayre. Children will complete investigations to explore what plants need for life and growth and they will look at parts of plants as well as the life

Around the World in 80 Days

Children will use maps and atlases to locate and 'travel' to countries and cities in the UK and around the world, concentrating on environmental regions and identifying human and physical characteristics, key topographical features (including hills, mountains, coasts and rivers—relating this to the water cycle) and finding out about significant landmarks. Children will find out more about the countries that they are in



<p>and mend, and use digital media to compare images of houses from the past to the present.</p>	<p>cycle of plants. Children will use their DT skills to create a garden with a mechanism, e.g. something to water plants or something to open/close in order to provide sunlight.</p>	<p>considering human impact. Children should create travel brochures to share with parents and plot routes to visit different places. Children should use their DT skills to make their own famous bridge e.g. Golden Gate bridge.</p>
<p style="text-align: center;">Lighthouses</p> <p>This science based theme will focus on light and electricity. Children will explore why light is needed and what happens when light reflects. They will understand that light can be dangerous to the eyes and how to protect them. Children will investigate how shadows are formed and explore how they change. Children will be able to name parts in a circuit, understand how simple circuits work through investigations and use data loggers to collect data and present it using ICT. Children will use this knowledge to create their own lighthouses.</p>	<p style="text-align: center;">Horrible Histories</p> <p>This history based theme will focus on the Romans, Saxons and Vikings. Children will explore the Roman empire and its impact, explore Britain's settlement by Anglo-Saxons and Scots and explore the Viking and Anglo-Saxon struggle for the kingdom of England to the time of Edward the Confessor. Children should research using books and the internet and be taught about e-safety. Through art and DT, children will create houses and then use text and graphics packages to advertise their house.</p>	<p style="text-align: center;">Toy Story</p> <p>This science based theme is focused on forces, particularly magnets. Children will identify forces that need/don't need contact – linking this to toys in Toy Story where possible. They will explore the strength of different magnets through investigations and identify materials that are/aren't magnetic. Children will identify magnets in everyday objects and suggest new uses for them. Children identify pneumatics as another type of force and will explore how it works. They should they design, make and evaluate their own toy that uses either a magnet or pneumatics and share this with their learning partner.</p>
<p style="text-align: center;">Grab Your Suitcase</p> <p>In this geography based theme children will compare coastal regions in England with those in North and South America. This will involve comparing human and physical features, the use of land i.e. travel and tourism and how it has changed over time. Children will consider why people are attracted to coastal towns compared to cities e.g. climate, land type. They will communicate with people from through blogging,</p>	<p style="text-align: center;">Who's the king of the jungle?</p> <p>This science based theme focuses on both humans and animals. It should begin with classifying humans and animals, comparing skeletons, movement and nutrition, linking this to food groups. Food chains should be explored for both humans and animals, comparing teeth for carnivores/herbivores. The unit should then focus on humans, identifying different types of teeth and how we can look after them. Children should</p>	<p style="text-align: center;">Natural Disasters</p> <p>This Geography and science based theme will focus on types of natural disasters that occur and the places that they affect, identifying some of their human and physical features, as well as learning about rocks and soils. Children will explore how these natural disasters impact on people's lives and what can we do to minimise their impact. They will find out about the role of aid and how others support countries. Children should use multimedia to create a power point to show to other classes/parents before their</p>



<p>skype, e-mail, twitter and cover-it live. They will use sculpting techniques to create Christ the Redeemer statues from the cost of Rio De Janeiro.</p>	<p>learn about the digestive system in humans. They should conduct market research, design and create a healthy meal for humans using what they have found out during the unit. Through art, children should use their printing skills for the packaging of their meal.</p>	<p>fundraising event.</p>
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