

Beaufront First School — Class 2 Spring Term Topic Web – Cycle A

<p>Science</p> <p>Scientists and Inventors</p> <ul style="list-style-type: none"> Find plants in the local area. Give the names of four people who brought new plants to Britain. Design a new plant and answer questions about it. Give four facts about Marie Curie's life and work. Identify bones in x ray images. Give four facts about William Smith's life and work. Describe how William Smith found fossils. Match fossils to time periods. Give four facts about Inge Lehmann's life and work. Describe the Earth's core as solid iron. Explain how igneous rocks are made. Identify concave and convex mirrors as curved mirrors. Participate in an investigation into convex and concave mirrors. Identify devices & inventions that use curved mirrors. Describe electromagnets as magnets powered by electricity. Describe how the first electromagnets were developed and name a scientist who worked on them. <p>Rocks</p> <ul style="list-style-type: none"> Children will be able to name the three different types of rocks. They will handle and examine rocks to identify their properties, with support. They will be able to state the four different types of matter that soil is composed of. Children will learn to make careful observations. They will be able to take part in and contribute towards an oral presentation of their observations. 	<p>Design and Technology</p> <p>Mechanical Posters</p> <ul style="list-style-type: none"> Explore mechanical systems. Draw a simple annotated design. Start to generate ideas for design criteria. Make a prototype and finished poster which has at least one lever/ linkage mechanism. Evaluate what they did well on their product and things they could improve. <p>PE and Swimming</p> <p>Gymnastics</p> <ul style="list-style-type: none"> To demonstrate and name gymnastic shapes. To balance on various body parts alone and with a partner. To carry out a gymnastic sequence, including both balancing and travelling. To perform their gymnastic sequence to a group. <p>Swimming</p> <ul style="list-style-type: none"> To begin to develop swimming a range of strokes effectively. 	<p>Geography</p> <p>Extreme Earth</p> <ul style="list-style-type: none"> Name the layers that make up the Earth. Name the key parts of a volcano. Show where most volcanoes are found. Explain how to keep safe during an earthquake. Describe a tsunami. Describe the damage caused by a tsunami. Explain how tornadoes form. Describe how scientists collect data about storms. <p>Art</p> <p>Bodies</p> <ul style="list-style-type: none"> Produce an observational drawing. Make a maquette. Show shapes and colours. Draw a person in pen. Use a sketchbook <p>Roman Mosaics</p>	<p>PSHCE</p> <p>Good to be Me</p> <ul style="list-style-type: none"> To know about myself and how I learn To gain an understanding of things that I am good at. To recognise when I find something difficult and do something about it or cope with how that makes me feel. To understand surprises and the feelings they create. To understand what hopeful and disappointed mean. To understand worries and ways to cope with these. To know why it is important to stop and think when we feel angry or stressed. To understand how to act assertively and be assertive. <p>Going for Goals</p> <ul style="list-style-type: none"> To reflect on my own strengths as a learner. To consider the feelings associated with learning. To take responsibility for our own learning and behaviour. To set goals and plan to overcome obstacles. To explore what helps them to be successful. To know how others can help me to achieve my goals. To set a goal, plan to reach it and persevere to ensure success.
<p>RE</p> <p>Jesus – Good Friday</p> <ul style="list-style-type: none"> Sequence images of the Easter story. Reflect on positive things they could do for a friend. Write a prayer which says sorry. Complete a fact sheet about Maximilian Kolbe. Create a tissue paper cross to express both the sadness of the crucifixion of Jesus and the happiness of the resurrection. Design an Easter egg which shows new life. 	<p>Music</p> <p>China</p> <ul style="list-style-type: none"> To explore the pentatonic scale and ways of notating pitch. To listen to traditional Chinese music. To sing, read and compose music celebrating Chinese New Year. <p>Ukelele</p>	<p>History</p> <p>Romans</p> <ul style="list-style-type: none"> Describe when the Romans conquered Britain. Recall some facts about the Romanisation of Britain. Describe aspects of Roman Britain in significant detail and be able to ask and answer questions to demonstrate their understanding. Use a variety of sources of evidence to appreciate how an accurate picture of the past can be constructed. 	<p>Computing</p> <p>Programming through Scratch and Logo</p> <ul style="list-style-type: none"> Draw objects. Insert text boxes and images. Order and group objects. Move, resize and arrange text boxes and images effectively. <p>Internet Research and Communication</p> <ul style="list-style-type: none"> To know and understand how word order affects the results returned. They will know how to bookmark or favourite a page and name different types of online communication. Children will know what to do if they feel uncomfortable when communicating online. They will be able to identify how they should behave online