

Science

Scientists and Inventors

- 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.

Rocks

- 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.

Design and Technology

Mechanical Posters

- 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.

PE and Swimming

Gymnastics

- 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.

Swimming

- To begin to develop swimming a range of strokes effectively.

Geography

Extreme Earth

- 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.

Art

Bodies

- Produce an observational drawing.
- Make a maquette.
- Show shapes and colours.
- Draw a person in pen.
- Use a sketchbook

Roman Mosaics

PSHCE

Good to be Me

- 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.

Going for Goals

- 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.

Topic Web (Cycle A) Spring 2017 — Class 2

RE

Jesus – Good Friday

- 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.

Music

China

- 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.

Ukelele

History

Romans

- 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.

Computing

Programming through Scratch and Logo

- Draw objects.
- Insert text boxes and images.
- Order and group objects.
- Move, resize and arrange text boxes and images effectively.

Internet Research and Communication

- 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