

Activities
 Further develop understanding of fair testing and reproducibility.
 Make and draw circuits to include switches, motors, buzzers and lamps.
 To accurately draw the circuits they make using standard symbols.
 Children will gain an understanding of why circuits may not work.

The children will carry out investigations with a view of covering all science blocks so as their writing is able to be used to supplement teacher assessment in writing.

French
 The children will learn to listen to, understand and speak a variety of simple words and phrases. They will listen to authentic French audio recordings of song, rhyme and narrative.

Computing
 We will be using the internet to search for information relevant to our topic, thinking about best search and learning about internet safety.

Activities
 The children will look at visual images and talk about movement ideas inspired by the images, e.g. a dance video - movements used, style, structure, patterning; a sculpture - shape, texture, mood, line, form, colour, material.
 They will be encouraged to use more than one stimulus to inspire their initial ideas and movements, e.g. videos, pictures, music, books, materials from other curriculum areas.
 Children will use skills in ways that will help them to outwit the opposition. They will be encouraged to perform the skills at greater speed and to develop their control.

Science
 Our topics are Electricity and Investigating Forces. The children will be investigating circuits, making circuits and drawing them using correct symbols. They will be studying insulators and conductors and have a raised awareness of electrical safety.

Physical Development
 There will be 2 PE lessons a week - one taught by pro-coaching and focussing on invasion games skills, the other will be a unit of dance with a focus on energy.

Activities

- A study of renewable and non-renewable energy.
- Make windmills and develop a fair test to measure efficiency.
- Investigate solar, geothermal, tidal, wind and compare with fossil fuel and nuclear generation.
- Investigate how new and emerging technologies are able to help energy requirements in the developing world.

Geography
 The children will study human geography, the distribution of natural resources including energy, minerals and water. They will learn about low carbon electrical generation and the impact on the environment.

Energy

English
 During the term we will work on the range of non-fiction text types needed for Youth Speaks. Non-fiction will also include discussion/ persuasive writing linked to our energy topic. Our fiction work will focus on writing longer stories.
 The children will also study fiction - under the heading of Older Literature along with narrative poetry.
 In guided reading sessions they will continue to develop inference through reading and learn to reflect on an author's intentions and word choices, becoming more skilled at writing their ideas clearly.

Activities
 Plan and present talks within the classroom on subjects of their own choice
 Record, re-watch and analyse their own performance to decide on next steps.
 Read a range of diaries and use the style to keep a learning journal across the curriculum
 Read excerpts of classic stories to decide which stories seem most appealing
 Use film as an alternative way into accessing classic stories
 Experiment with writing using older vocabulary and sentence structures
 Write in the style of a classic

Art and Music
 Children will be taught to develop their techniques, including their control and their use of materials, with creativity, experimentation and an increasing awareness of different kinds of art, craft and design.

Mathematics
 The children will develop their ability to solve a wider range of problems, including increasingly complex properties of numbers and arithmetic, and problems demanding efficient written and mental methods of calculation. They will classify shapes with increasingly complex geometric properties and learn the vocabulary needed to describe them.

Activities

Art:
 Using recycled materials the children will be making 3D faces based on the work of Fritz Jacquet.
 They will be looking at the work of Cecilia Levy and creating their own 3D paper art work.

Music:
 Classroom Jazz (1) Jazz music
 Ben Britten Tragic Story Classical Blues.
 Traditional Jazz
 Songs of faith and protest

R.E
 Children will gain a knowledge and understanding about Christian teaching on behaviour and action. They will develop their own understanding that Christians base their behaviour on the teaching of Jesus, and this reflects their Christian belief. They will also explore key beliefs and teachings in Judaism and through learning about Jewish values and commitments pupils will have the opportunity to reflect on their own experiences and feelings.

Design Technology
 Design and Technology will focus on mechanisms where the children will be using cams to create a moving toy.

Activities
 A weekly multiplication test will help the children with their rapid recall.
 The basic 4 rules of number will be taught in line with the school's calculation policy.
 There will be an emphasis on challenge tasks in order to stretch the children's thinking.
 The children will be encouraged to talk through their thinking to help understand any misconceptions.
 All areas of maths will include problem solving to ensure that the children are able to apply their knowledge.