

Deep Down Underground



PHSE-Daring to be Different

Objectives

- To know our likes and dislikes
- To recognise when someone is feeling proud
- To appreciate being special
- To know how to recognise worrying feelings
- To know how to stay calm and relaxed

End of Year Expectations

- I know that we all like and dislike different things
- I can recognise and respect each other's differences
- I can tell you something that makes me special
- I can tell when I am feeling worried or anxious
- I know some things cause me to feel stressed
- I can be still and quiet and relax my body

GEOGRAPHY and HISTORY-Coal Mining

Objectives

End of Year Expectations

- Geography
- To investigate places
 - To investigate patterns
 - To communicate geographically
- History
- To investigate and interpret the past
 - To communicate historically
 - To understand chronology

- Geography
- Ask and answer geographical questions (such as: What is this place like? What or who will I see in this place? What do people do in this place?).
 - Use aerial images and plan perspectives to recognise landmarks and basic physical features.
 - Use world maps, atlases and globes to identify the United Kingdom and its countries, as well as the countries, continents and oceans studied.
 - Understand geographical similarities and differences through studying the human and physical geography of a small area of the United Kingdom and of a contrasting non-European country.
 - Use basic geographical vocabulary to refer to: **key physical features**; **key human features**
 - Use compass directions (north, south, east and west) and locational language (e.g. near and far) to describe the location of features and routes on a map.
- History
- Ask questions such as: What was it like for people? What happened? How long ago?
 - Use artefacts, pictures, stories, online sources and databases to find out about the past.
 - Place events and artefacts in order on a time line.
 - Label time lines with words or phrases such as: past, present, older and newer.

SCIENCE-Materials and their Uses

Objectives

- To work scientifically.
- To investigate materials.
- Identify different light sources
- Make comparisons between light sources in terms of brightness or colour
- To make predictions.

End of Year Expectations

- Ask simple questions.
- Observe closely, using simple equipment.
- Perform simple tests.
- Identify and classify.
- Use observations and ideas to suggest answers to questions.
- Gather and record data to help in answering questions.
- Know where light comes from - natural/man-made sources
- Distinguish between an object and the material from which it is made. Identify and name a variety of everyday materials, including wood, plastic, glass, metal, water and rock.
- Describe the simple physical properties of a variety of everyday materials.
- Compare and group together a variety of everyday materials on the basis of their simple physical properties.
- Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.
- Identify and compare the suitability of a variety of everyday materials.

DT-Primary Engineer Project Model Vehicles

Objectives

End of Year Expectations

- To master practical skills
- To design, make, evaluate and improve
- To take inspiration from design throughout history

- Cut materials safely using tools provided.
- Measure and mark out to the nearest centimetre.
- Demonstrate a range of cutting and shaping techniques (such as tearing, cutting, folding and curling).
- Demonstrate a range of joining techniques (such as gluing, hinges or combining materials to strengthen).
- Design products that have a clear purpose and an intended user.
- Make products, refining the design as work progresses.
- Create products using levers, wheels and winding mechanisms.
- Suggest improvements to existing designs.

MUSIC

COMPUTING

'I wanna play in a band'

- Children will be:
- exploring pulse, rhythm and pitch by singing and playing instruments

Brilliant Beebots and perfecting programming

- Children will be:
- understanding what algorithms are
 - learning how they are implemented as programs on digital devices

PE

RE- Easter

Objectives-Multi-Skills

Objectives-Dance

Objectives

End of Year Expectations

- To talk about what they have done.
- To describe what others have done.
- To show control and co-ordination when travelling or balancing.
- To move with careful control, co-ordination and care.
- To identify how a performance could be improved.

- To move with control and coordination
- To communicate feelings and mood through movement
- To link movements fluidly

- To understand beliefs and teachings
- To understand how beliefs are conveyed

- Describe some of the main festivals or celebrations of a religion.
- Explain the meaning of some religious symbols.
- Identify the things that are important in their own lives and compare these to religious beliefs.