

SCIENCE

Light

Children will learn that we see things because our eyes can sense light, and that darkness is the absence of light. They will understand how some surfaces reflect light and identify some parts of the eye and the dangers of the sun. Pupils will explore opaque, translucent and transparent objects and investigate shadows.

Plants

Children will learn the common names of a plant and what they need to survive. Also, how flowers are pollinated and the different ways seeds are dispersed.

COMPUTING

Sequencing Sounds

This is a programming unit using 'Scratch'. Children will be introduced to a selection of motion, sound, and event blocks which they will use to create their own programs.

Data and information: branching databases - learners will develop their understanding of what a branching database is and how to create one. They will gain an understanding of what attributes are and how to use them to sort groups of objects by using yes/no questions. The learners will create physical and on-screen branching databases.

HISTORY

The Romans

By the end of this unit all children will be able to understand who the Romans were and what they did. Children will recognise why the Romans were so successful and all the inventions they have created. Children will recognise the impact that this (inventions) has had on modern day.

DT

Construction: Roman Shields

To study the designs of shields used by Roman soldiers.

To use ideas gathered to design their own shield and learn and apply techniques of cutting, joining and constructing to make their own Roman shield.

To evaluate the success of their work and to think of ways they could improve their design.

RE

How do festivals and worship show what matters to a Muslim?

Pupils are able to talk about the main beliefs of a Muslim relating to worship and festivals.

How do festivals and family life show what matters to Jewish people?

Children can name some religious festivals for Jewish people and how it is celebrated. They are able to give examples of what is important to Jewish people in the form of prayer and the ten commandments.

ENGLISH

To study the texts listed below, to inspire different genres of writing:

Bluebell from The Lost Words – Poetry
Revolting Rhymes – Police Incident Report
Beast Quest – Information Text and Quest Story
Inside the Villains – Biography

Children will continue to develop their grammar knowledge to write more complex sentences. They will also study different spelling rules and continue to develop their reading skills.

PE

In PE, we will be using units of work from the PE Hub, where we will be developing our skills in gymnastics and invasion games.

The children will also be working their character muscles with Character Award.



Brocks Hill Primary School

YEAR 3 SPRING TERM



MATHS

Children will learn how to multiply using the grid method.

- They will learn how to divide using sharing and grouping.
- Children will learn about how to measure, add and subtract lengths.
- They will learn how to measure and calculate perimeter.

They will learn how to measure and compare mass using grams and kilograms.

They will learn how to measure and compare volume and capacity using millilitres and litres. They will be able to identify unit and non unit fractions and equivalent fractions. They will be able to place fractions on a number line.

PSHE

Pupils will learn how to show equity, respect and understanding for all types of families, knowing that what binds a family together are shared positive experiences and love.

Pupils will learn the importance of being respectful to everyone and to value equality. Pupils see the value of a diverse community.

ART

Using their knowledge of what a mosaic is, pupils use tesserae blocks to create a Roman inspired mosaic. Children will know what a mosaic is and will appreciate some of the work by the famous craftsman, Gaudi.

MUSIC

Rhythm

Children will explore rhythms using syllable patterns from simple spoken phrase.

Pitch

Using a variety of music to understand how different pitches provoke different emotional responses.

GEOGRAPHY

How Can We Compare Italy and England?

To learn the 8 points of a compass for direction and how to use a compass.

To use atlases and online sources to know where Italy is on a map.

To find out about the key physical and human characteristics of Italy and England.

Look at some of the differences and similarities between England and Italy.