

SCIENCE

Understand that dark is the absence of light. Understand how surfaces reflect light. Recognise that a mirror appears to reverse an image. Identify some parts of the eye and understand how the sun can damage parts of the eye. Identify opaque, translucent and transparent objects. Know how shadows change size. Explain the properties of materials that reflect light. Children will learn the common names of a plant and what it needs to survive. Also, how flowers are pollinated and the different ways seeds are dispersed.

RE

To learn about some of the things that are important in the Islamic and Jewish faiths through study of some of the festivals celebrated and how they worship.

ENGLISH

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

Bluebell from The Lost Words – poetry
Revolt Rhymes – Police Incident Report
Beast Quest – Information Text and Quest Story
My Family and Other Romans – Diary

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.

DT

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.

HISTORY

To use a range of sources to learn some key facts about the ancient romans. For example: The Romans were ancient people from the city of Rome The Roman army began to conquer lots of other countries Emperor Claudius invaded Britain with 40,000 soldiers The Romans had a highly organised and successful army. The Romans created many inventions that we use today.

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.

PE

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

Also this term, children will be developing their team building, decision making and cooperative skills in Character Award sessions.

MUSIC

To explore rhythms using syllable patterns from simple spoken phrase.

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

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.

ART

To know that a mosaic is the art of putting together small pieces of material like stone, tile and glass to produce artwork.

To know that a tesserae is a small block used to create a mosaic.

To know about the work of Antoni Gaudi and how he used the techniques of mosaics in large scales.

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.

GEOGRAPHY

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