

SCIENCE

Children will learn about the circulatory system. They will learn how the blood, heart and lungs work.

We will research and learn how exercise, diet, alcohol and drugs affect the human body.

Children will also learn how nutrients, water and oxygen are transported in the blood to the muscles and other parts of the body where they are needed.

HISTORY

Pupils will study the timeline of British history and know how attitudes to crime and punishment have changed over time. Children will look at how these have influenced legal systems today.

ENGLISH

In English, we will be studying the novel: *Holes* by Louis Sachar. This will be used for reading and writing, linking to our topic of South America. Following this, we will be exploring *Macbeth*, through a workshop with an author; through drama and performance.

Throughout the term, children will be revisiting and revising a variety of different aspects of grammar and spelling.

DT

Children will prepare and cook a range of dishes using a variety of cooking techniques. They will develop skills such as: weighing, measuring, gating, peeling, spreading and mashing. Children will also practice their skills using a knife and a hob safely.

RE

Pupils are able to talk about the main beliefs of a Hindu and why that drives them to be good person.

Pupils are able to say what the big story of the bible means for Christians and the way they show their beliefs.

COMPUTING

Pupils will understand the concept of variables in programming using Scratch. Pupils will then use variables to create a simulation of a scoreboard Pupils will be able to apply their knowledge of variables to design and improve games in Scratch.

Pupils will be able to apply formulas that include a range of cells and apply formulas to multiple cells by duplicating them. They will be able to use spreadsheets to plan an event and create graphs and charts.

PE

In PE, we will be using units of work from the PE Hub, where we will be developing our attacking and defending skills. We will also be suggesting, planning and leading simple drills for given skills.

In gymnastics and dance, we will learn how to perform in time with a partner and use compositional ideas in sequence such as changes in height, speed and direction.

Children will develop their striking skills in tennis, practising their back and forehand shots.

ART

The children will design and create a portrait of someone who inspires them They will use these portraits to create a class mural and evaluate their work. The children will choose their own media that is suitable for their artwork.

Brocks Hill Primary School

YEAR 6 SPRING TERM



MATHS

Children will understand the decimal place and the value of a tenth, hundredth and thousandth.

In algebra, children will learn about equations, formulas, substitution and pairs of values.

Pupils will build on knowledge of area and perimeter and learn how to find the area of triangles, parallelograms and volume.

In ratio we will learn about proportion and scale factors.

Children will also learn about properties of different shapes including angle work and using a protractor. In statistics they will learn how to draw and interpret pie charts.

MUSIC

Rhythm:

Children will listen to a variety of music with different time signatures. Rhythms will be identified both visually and aurally.

Pitch:

Children will explore musical themes linked to films. They will investigate how intervals and semitones impact on emotional expression in music.

PSHE

Pupils know how to stay safe online Pupils know that not everything they see or read online is true Know that there are dangers in online gaming, such as addiction, mental health and costs.

GEOGRAPHY

By the end of this unit children will be able to locate South America and name and locate some of the countries in particular, Brazil. (knowledge and location)

Pupils will know how latitude affects the geography, climate and economy of Brazil. (Trade, sustainability, fieldwork)

Pupils will know the significance of the Amazon Rainforest and the lives of indigenous people. (interconnection, sustainability, change, environment)