

## COMPUTING

### Computing Systems and networks: Internet communication

The children will learn how the WWW can be used to communicate and be searched to find information. They will know how:

- Search engines are needed for internet searches.
- Search engines use web crawlers.
- Search results are ranked using criteria.

### Creating Media: Webpage creation

Designing and creating webpages, giving consideration to copyright, aesthetics, and navigation. They will know how:

- Websites are created using HTML code.
- Different media can be used in the layout of a web page.
- Copyright-free images can be used in public web pages.
- Hyperlinks create links to other websites.

## ENGLISH

### Reading and writing

Our English work during autumn will complement our topic on WW1 and WW2; we will use a range of fiction and non-fiction texts to support our teaching of reading and writing, as well as grammar and spelling. We develop our oracy skills through classroom-based talk, presentation, discussion and debate.

### Grammar and spelling

Grammar learning this term will include: the passive voice, cohesive devices; sentence construction; semi-colons and colons; bullet points, hyphens, determiners and parenthesis.

## SCIENCE

### Evolution and Inheritance

The children will explain that variation are differences between individuals of the same species and can be caused by genetic differences, the environment, or both. They will learn that adaptations are special features organisms have for survival and that competition between species results in the survival of the best adapted (survival of the fittest) and this can lead to evolution.

### Living Things and their habitats

The children will use a sorting key to classify similar species from each group by their characteristics. Create a simple sorting key to classify different species of animals, plants and micro-organisms. Know the 5 main kingdoms and examples of their characteristics.



# Brocks Hill Primary School



## YEAR 6 AUTUMN TERM

## MUSIC

### Pulse

Children will listen to a variety of music that includes a range of time signatures. They will hear, explore and create their own ostinatos using a variety of timbres of body percussion and voice. Children will also create a piece of music built around several composed ostinato patterns.

## MATHS

The children will be learning and consolidating their place value knowledge with numbers up to 10,000,000. They will also learn to become fluent and efficient in all four operations (+ - x ÷). This includes mental methods and formal written methods (long multiplication, long division etc). The children will learn to compare and order fractions. They will convert mixed numbers into improper fractions and vice versa. They will also use all four operations with fractions. The children will learn how to convert metric measures and imperial units.

## DT

Children will be able to make a strong structure that resembles an Anderson shelter. Children will have used a range of tool and materials. Children should be able to choose the materials themselves.

## PSHE

How can we keep healthy as we grow?

We focus on the importance of physical and mental health and who to talk to when we feel worried. We explore what makes a positive friendship and know how our actions and choices affect the wellbeing of other people.

We develop our understanding of drugs and alcohol on our bodies, and how medicines and vaccines help protect us.

## ART

During this term, children will use recycled, natural and man-made materials to create a sculpture of a person inspired by the work of Henry Moore. They will create the sculpture with increasing levels of independence.

## Geography

### What is life like in Brazil?

Children will be able to locate South America and where the continents are in. Pupils will know how latitude affects the geography, climate and economy of Brazil. Pupils will know the significance of the Amazon Rainforest and the lives of indigenous people.

## PE

Football

Gymnastics

## History

By the end of this unit, most children will be able to identify the main countries, world leaders and events of and leading up to World War 1 and II. They will understand and explain the importance of the evacuation scheme, children will understand the implementation of rationing and explain the purpose and effect of the Dig for Victory campaign. In analysing the impact of the war, most children will be able to describe the importance of the role of women, and the livelihood of refugees. Most children will be able to identify the impacts on people and cities in the UK as a result of the Blitz and the Battle of Britain. The children will understand segregation by making links to the Holocaust and identify Anne Frank as a historical figure.

## RE

In RE we will be looking at creation in science and whether it is complimentary or contradictory to religious beliefs. We will look at the universe and compare the scientific view of evolution with Christian belief.

We will explore why some people believe in God and others do not. We investigate what humanists and atheists believe about the world.