

## SCIENCE

- The children will be learning to describe the movement of the Earth and other planets relative to the sun in the solar system
- They will understand and describe why the Sun, Earth and Moon are approximate spherical bodies
- They will explain why we have day and night and the apparent movement of the sun across the sky
- They will understand how gravity works and the effects of: air resistance, water resistance and friction.

## COMPUTING

- Our computing curriculum looks at computer systems in the real world, using collaboration to work on team projects and developing Crumble skills to code.

## HISTORY

- By the end of this unit pupils will all know how the Anglo Saxon and Viking time periods developed and shaped Britain. They will understand their culture and way of life. They will know that this era ended in 1066 after The Battle of Hastings.

## DT

- In DT we will be focusing on making moon buggies.
- We will be making moving parts and linking in electrical components.
- The children will be designing and evaluating their work.

## PE

- In PE we will be using the units of work from the PE Hub.
- Our units are gymnastics and tag rugby.

## PSHE

- We are learning about the different types of relationships in our lives: online and offline.
- We will be learning how to keep safe online.
- The children will be learning about stereotypes and how to challenge them.
- We will also be looking at the importance of consent and personal boundaries.

## ENGLISH

- Our English work will include several high quality texts. During the writing learning journey this term we will explore new vocabulary from our topics and we will focus on writing: balanced arguments, formal/informal letters, descriptions, flashback, diary entry, internal monologue, poetry and speeches. We will be focusing on using a wide range of devices to build cohesion within and across paragraphs
- We will also introduce the children to parenthesis and clauses to up level their writing.
- The skills of reading will continue to be a focus.



# Brocks Hill Primary School



## YEAR 5 SPRING TERM

## ART

- We will learn about the artist Peter Thorpe.
- We will create backgrounds and rockets in the style of Peter Thorpe.
- Our art skills will be to use shading and toning.

## MATHS

- During our multiplication and division unit, we will look at formal methods for both operations as well as prime, square and cubed numbers and multiples and factors.
- Our perimeter and area unit involves finding missing sides as well as calculating areas with different units.
- We will also look at handling fractions, mixed numbers, improper fractions and fractions of amounts.
- We will also be covering decimals, percentages and statistics.

## MUSIC

- We will be looking at many areas of music including rhythm and pitch.
- Children will retrieve knowledge of note names and lengths and create their own rhythms.

## RE

- We will be learning about Christians and their belief that Jesus was the messiah.
- We will learn about the importance and of the Torah to Jewish people.

## GEOGRAPHY

- Children will locate the world's countries, using maps to focus on Europe (including the location of Russia) and North and South America and describe and understand key aspects of: physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle.