

## 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 Scratch skills to code.

## HISTORY

- The children will be learning about The ancient Maya civilization
- They will know that the Maya civilisation in Mesoamerica was happening during the Bronze Age in Britain.
- How the Maya worshipped Gods and how they lived their lives
- They will know how valuable the crops of cacao and maize was to the Maya
- And how Historians learn about the past through looking at what has been left behind.

## 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 using the units of work from the PE Hub.
- We will be working our rhythm, expression and new movement opportunities in dance.
- We will be working on our invasion game skills in handball and rounders and working in different positions.

## 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, biographies and recounts. We will be focusing on using a wide range of devices to build cohesion within and across paragraphs
- In our non fiction writes we will use organisational devices to structure text and to guide the reader.
- 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



## MUSIC

- We will be looking at many areas of music including body percussion, rhythms within different tempo beats and controlling singing voices.
- We will also look at how different types of music makes us feel.

## 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.

## ART

- We will learn about the artists Peter Thorpe and Robert McCall.
- 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.

## GEOGRAPHY

- The children will be learning about where most rockets in America set off from
- We will be recognising key landmarks on Earth from the International space station
- We will be looking at the importance of the equator when choosing rocket launch pads.