# Summer One in Year 5

## English

In our English lessons this term, Year 5 will be focusing on persuasive writing based on knowledge we gain from 'The Paperbag Prince'. Based off this text, children will be writing persuasive leaflets and letters to give information about waste management.

Children will:

- Use modal verbs to indicate degrees of possibility
- Use devices to build cohesion within a paragraph
- Choose the appropriate register

### We are reading...




- Use brackets, dashes or commas to indicate parenthesis
- Enhance meaning through selecting appropriate grammar and vocabulary

## Maths

As mathematicians, children will be developing their understanding of geometry. Children will learn how to:

- Classify, estimate and measure angles
- Identify regular and irregular polygons
- Read and plot coordinates
- Explore lines of symmetry
- Represent the position of a shape following a reflection or translation.

## Science

This term as scientists, Year 5 will use scientific vocabulary to learn about the different types of mammals. Children will:

- Build on their previous understanding of life cycles
- Study the life cycles of different mammals, amphibians, insects and birds
- Use their knowledge of classification and keys to classify living things based on their characteristics
- Work scientifically to dissect flowers and label the different parts of a flower.

## Art

As artists, the children will be focusing on understanding retrofuturism, developing skills in evaluating images and creating art through various drawing processes, including collagraph printmaking. They will learn how to:

- Explore the purpose and effect of imagery
- Understand and explore decision making in creative processes
- Develop drawn ideas through printmaking
- Apply an understanding of drawing processes to revisit and improve ideas.



## Geography

As geologists, the children will be studying South America, in particular looking at Rio and South East Brazil. Children will be learning:

- The location of South America and its key features (both human and physical),
- The location of the countries that make up South America and the contrast between Brazil and London
- The trade links of South East Brazil
- What advantages and disadvantages came from hosting the 2016 Olympic games.

## DT

As design technicians, we will be learning about the digital world where we will be programming products to monitor and control temperature.

The children will:

- Carry out research to develop design criteria
- Write a program to monitor the ambient temperature, including an alert
- Generate creative and unique micro:bit case, stand or housing ideas
- Learn about and practise 3D CAD skills.

## Music

Year 5 will develop their study of classical music and composers this term. They will:

- Listen and learn extracts from Bach, Tchaikovsky and Chopin.
- Discover facts about their life and music.
- Make short PowerPoint presentations on their favourite composer.
- Use Pianos to learn some of the most known melodies and perform in a group at the end of term.

## PSHE

In this topic, children will look at 'Being their best'.

They will learn:

- The basic functions of four key human systems
- The importance of nutrition, hydration, oxygen intake, sleep, and exercise for overall health
- How to identify and embrace their own strengths and talents.

## Computing

As VR designers, the children will use Google Street View and CoSpaces to explore and create virtual reality (VR) and augmented reality (AR) content of their own. They will:

- Explore familiar and unfamiliar locations in VR using Google Street View
- Create a 360° photo and import it to Google Maps
- Record book reviews, and link them to books using QR codes
- Write a program to control a VR or AR object in CoSpaces.

## PE

In this unit, pupils are set challenges for distance and time that involve using different styles and combinations of running, jumping and throwing. As in all athletic activities, pupils think about:

- How to achieve their greatest possible speed, height, distance or accuracy
- Learn how to persevere to achieve their personal best
- Learn how to improve by identifying areas of strength as well as areas to develop.