



# BHPS Curriculum Information



Year 5 Spring term 2020

Our Learning Challenge questions this half term are:

## Could you survive in the jungle?

We will be learning to:

- ✓ Locate the world's countries, using maps to focus on Europe (including the location of Russia) and North and South America, concentrating on their environmental regions, key physical and human characteristics, countries, and major cities.
- ✓ Identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, the Prime/Greenwich Meridian and time zones (including day and night)
- ✓ Begin to understand geographical similarities and differences through the study of human and physical geography of South America and Europe by comparing – The Amazon Rainforest and Sherwood Forest.
- ✓ Understand the physical geography, including: climate zones, biomes and vegetation belts, rainforests and rivers (Amazon)
- ✓ We will look at the types of settlement and land use (Amazonian tribes), economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water (including deforestation)
- ✓ We will continue to use maps, atlases, globes and digital/computer mapping to locate countries within South America.
- ✓ The children will use the eight points of a compass, six-figure grid references, symbols and key (including the use of Ordnance Survey maps) to build their knowledge of Rainforest regions.

## Literacy

In Literacy, we will be doing lots of writing linked to our Learning Challenge topic.

This includes writing for a range of different purposes, for example:

- Rainforest setting descriptions – encouraging the children to describe the five senses.
- Non-chronological report about specific endangered animals
- A balanced discussion – Should the rainforest be used to research new medicines? Should farmers use the land within the rainforest for farming crops? Should tourists be allowed to visit the rainforest?
- Diary – living with an Amazonian tribe
- Journalistic – discovering a new species/ discovering a life-changing medicine
- Poetry – using personification to bring the jungle to life!

## Mathematics

During our daily maths lessons, we will be learning the following areas of maths:

Mental and written multiplication (applying multiplications)

Written multiplication and division methods (short multiplication and half goal post)

Fractions – comparing and ordering, adding and subtracting when the denominator is the same, mixed and improper fractions, multiplying proper fractions and mixed fractions and fraction relationship with decimals and percentages.

## Science:

In Science, we will be learning about Life Cycles (Biology)

This topic will focus on:

Life processes for mammals, reptiles, birds, amphibians and fish, as well as plants, which works perfectly with our Amazon topic. Understanding the importance of life cycles, and how minor changes can interrupt other life cycles within habitats.

## Computing:

This half-term, we will be digital presenters. This means that we will be using computing to research and create a fact file about the Amazon Rainforest. This could include PowerPoint of their research; including images and facts discovered.

## PE:

This term, we will be continuing with gymnastics and learning how to play hockey. Your child MUST bring trainers for our P.E sessions – health and safety.

## Art:

We will develop our sketching skills; involving the use of shading, the use of pastels and using bold colours to highlight the colours within the Amazon.

## R.E:

We will be looking at 'Forgiveness'; accepting what has happened and moving on with life.

## S.U.M.O:

Stop, Understand and Move On. This principle will be followed in the New Year as a way to develop and improve your child's mental health and well-being.

## How can you help your child at home?

- Ensure they read at home **daily** and write the pages read (with any comments) in their reading diary. Please ask your child **comprehension questions** related to what they have read to secure their understanding, using the VIPERS resources I gave out at Parents' Evening.
- Talk to them about what they have been learning at school.
- Test them on their times tables and spellings regularly. Spelling test every Friday.
- **Practise telling the time and using money– this is so important!**
- Encourage and support them to complete their homework each week.
- Engage in 'Book Talk' with your child to develop their comprehension skills
- Find out about our interesting Amazon topic by using the internet or visiting the library.

