Year 5 Otter Class Term 4 Curriculum Outline

**Space**

This term our overarching theme will be space. We will look at our solar system in science, learn about time zones and the Prime Meridian in geography, investigate science fiction in our reading and create art based on the work of Peter Thorpe.

English

Genres for writing this term will include narrative (aliens!), non-chronological reports on planets and poetry.

For our reading focus, we will identify and discuss themes and conventions in and across a wide range of writing, making comparisons within and across books. We will participate in discussions about books building on their own and others’ ideas

In our grammar learning we will be to continue to work on cohesion within our writing, revisit learning from previous years and look at the use of commas to clarify meaning or avoid ambiguity.

Spelling will look at words with ie after c, words where ei can make an ee sound, words where ough makes an or sound, other ough words, adverbs of frequency and challenge words taken from the Y5/Y6 national curriculum

Maths

**Fractions**

Children will extend their understanding of fractions by focusing on addition and subtraction of related fractions and mixed numbers. They will continue to develop their confidence in reasoning and problem solving and will also explore different methods for addition and subtraction of fractions.

Children are also introduced to the concept of multiplying fractions and mixed numbers by whole numbers and extend their learning of fractional amounts using visual and written strategies. They will continue to build their confidence with problem solving and explore efficient methods for fractions as operators.

Building upon the previous learning on fractions and on the work they have done on decimals in Year 4, children will be introduced them to percentages and the link between fractions, decimals and percentages.

Computing

Children will develop their word processing skills and learn to program using SCRATCH. As we do every term, we will spend some time learning how to be safe online.

Art and DT

Using Peter Thorpe as inspiration, children will paint using varying techniques and will use pastels to create a spiral galaxy. In DT they will make pop up cards.

RE

**SALVATION**Our big question this term is - what did Jesus do to save human beings? We will think about the meaning of sacrifice, look at the events of Holy Week, focus on the Stations of the Cross and think about why Jesus was killed.

PE

In addition to the daily mile, children will be doing dance with Mrs Doll on **Tuesdays** and fitness training in the hall on **Thursdays**. Please make sure that the correct PE kit is in school at all times.

PSHE

Our focus will be on keeping safe and healthy and will look at spotting bullying, making good choices and how to manage risk.

Science

**Earth and space**

Children will look at the relative sizes of and distances between planets in our solar system. They will learn how to: describe the movement of the Earth and other planets relative to the sun in the solar system; describe the movement of the moon relative to the Earth; describe the sun, Earth and moon as approximately spherical bodies; and use the idea of the Earth’s rotation to explain day and night and the apparent movement of the sun across the sky.

They will also learn that ideas about the solar system have developed and understand how the geocentric model of the solar system gave way to the heliocentric model.

Music

Children will play and perform, using voices and playing musical instruments with accuracy, fluency, control and expression; improvise and compose music for a range of purposes; listen with attention to detail and recall sounds; appreciate and understand a wide range of high-quality live and recorded music.

French

With Madame Hanna, children will develop their language skills across the four attainment targets (speaking, listening, reading and writing) with a primary focus on speaking and listening.

Geography

Children will 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). They will also look at natural resources and their distribution.