Year 5 Otter Class Term 3 Curriculum Outline

**Crime and Punishment**

This term’s history learning gives children a broad chronological sweep of nearly a thousand years, making a significant contribution to their grasp of the long arc of time, and linking together previous learning in history.

Maths

**Multiplication and division**

Children extend their understanding of multiplication and division using a range of methods to calculate with up to 4-digit numbers, multiplying by 2-digit numbers or dividing by 1-digit numbers while dealing with exchange. Children continue to develop reasoning and problem-solving skills while interpreting remainders.

**Fractions**

Children will develop their understanding of how to find equivalent fractions by simplifying and expanding and how equivalent fractions represent the same number differently. They will learn to convert between mixed numbers and improper fractions and will learn how to use these in real-life contexts, using pictorial representations to demonstrate their understanding. Using these fractions, children will investigate and complete number sequences and compare and order two or more fractions. They will also learn how fractions represent division calculations and will use this, with their understanding of equivalent fractions, to find efficient methods of solving division calculations. Children will investigate how remainders in division calculations can be represented as fractions and how this can be used in context to answer real-life problems accurately.

English

Our reading focus will be on extending vocabulary to aid comprehension in reading and precision in our writing and discussing and evaluating how authors use language, including figurative language, considering the impact on the reader.

Genres for writing – linked to our topic where appropriate - will include newspaper, narrative, poetry and informal writing.

Grammar will consolidate our learning about fragments and sentences (identifying subject and object) and recap punctuating independent clauses to avoid run-on sentences.

Spelling will look at words ending in -able where the e from the root word remains, adverbs of time, suffixes where the base word ends in -fer and words with “silent” letters.

We will continue our emphasis on presentation and neat handwriting in pen.

Computing

This unit looks at how a flat-file database can be used to organise data in records. Children use a real-life database to answer a question and present their work to others.

Art and DT

Children will learn about the history of street art and graffiti (linked to crime and punishment learning) and create a “How slow can you go?” marble run (linked to forces in science).

PSHE – Valuing Difference

Otter class’ PSHE will be based around valuing difference, looking at friendships – why we need friends and the qualities of a good friend. They will also look at stereotypes and how people present themselves online.

PE

In addition to the daily mile, children will be doing PE on **Thursdays** (gymnastics, where they will focus on strength, coordination, balance and agility) and **Fridays** (OAA - outdoor and adventurous activities in forest school, where they will take part challenges both individually and within a team).

Science **Forces**

Children will understand that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object. They will identify the effects of air resistance, water resistance and friction that act between moving surfaces. They will also recognise that some mechanisms including levers, pulleys and gears allow a smaller force to have a greater effect.

Working scientifically, children will: plan different types of scientific enquiries to answer questions, take measurements, use a range of scientific equipment, record data and results, use test results to make predictions to set up further comparative and fair tests, report and present findings from enquiries and identify scientific evidence that has been used to support or refute ideas or arguments.

RE

**PEOPLE OF GOD**

Our key question is: how can following God bring freedom and justice?

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.

History **Crime and Punishment**

By exploring a theme such as Crime and Punishment, issues of the past can be related and compared to the present day, recognising the impact and relevance to modern society. The children will develop a deeper understanding of change, continuity and turning points as they explore the main crimes, punishments and contributing factors over an extended time period (Anglo-Saxon, Middle Ages, Tudors and Stuarts and Victorians).