



**YEAR 6**

## **AUTUMN TERM 2**

### **MEDIUM TERM PLAN**

#### **MATHEMATICS**

The children will:

- Perform mental calculations including with mixed operations and large numbers
- Identify common factors, common multiples and prime numbers
- Use their knowledge of the order of operations to solve problems involving addition, subtraction, multiplication and division.
- Use estimation to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy.
- Divide numbers up to 4 digits by a two-digit whole number using the formal written method of long division, and interpret remainders as whole number remainders, fractions, or by rounding, as appropriate for the context.
- use common factors to simplify fractions and to express fractions in the same denomination.
- compare and order fractions, incl. fractions  $>1$
- add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions
- multiply simple pairs of proper fractions, writing the answer in its simplest form
- divide proper fractions by whole numbers
- associate a fraction with division and calculate decimal fraction equivalents (e.g. 0.375) for a simple fraction.
- solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts, the calculation of fractions, decimals and percentages including for comparison, and scale factors

#### **ENGLISH** **FLASHBACKS**

The children will:

- identify the audience for and purpose of the writing, selecting the appropriate form and using other similar writing as models for their own
  - note and develop initial ideas, drawing on reading and research where necessary
- draft and write by:**
- selecting appropriate grammar and vocabulary, understanding how such choices can change and enhance meaning
- evaluate and edit by:**
- assessing the effectiveness of their own and others' writing
  - proposing changes to vocabulary, grammar and punctuation to enhance effects and clarify meaning
  - ensuring the consistent and correct use of tense throughout a piece of writing
  - describing settings, characters and atmosphere and integrating dialogue to convey character and advance the action
  - précising longer passages
  - using a wide range of devices to build cohesion within and across paragraphs.

#### **NEWSPAPER REPORTS**

The children will:

- Identify key language, structure organisation and presentational features of a newspaper report. .

#### **Writing/Presentation**

- Write an effective newspaper report, selecting language, form, format and content to suit a particular audience and purpose.
- Plan, draft, edit and review.

#### **GRAMMAR AND PUNCTUATION**

The children will learn how to:

- Relate words as synonyms
- Identify the subjunctive mood.
- Use the passive voice to affect the presentation of words in a sentence.
- Identify vocabulary typical of informal speech and formal writing.
- use semi-colon, colons and dashes to mark the boundary between independent clauses.
- Use a colon to introduce a list and use semi-colons within lists.
- Punctuate bullet points in a list.
- Use hyphens to avoid ambiguity.

#### **SPELLING**

Children will

- spell words with complex prefixes and suffixes

**RE**

**COME AND SEE**

- Belonging (Baptism and Confirmation)
- Judaism
- Advent/ Christmas (Loving)

**FOUNDATION  
SUBJECTS**

**SCIENCE**

Children will:

- recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago. --Recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents.
- Identify how animals and plants are adapted to suit their environment in different adaptation may lead to evolution.

**DT**

Children will

- Celebrate culture and seasonality
- understand and apply the principles of a healthy and varied diet
- prepare and cook a variety savoury dishes using cooking techniques
- learn to understand seasonality and know where and how a variety of ingredients are grown, reared, caught and processed

**MUSIC**

The children will learn:

- to play and perform in solo and ensemble contexts, using their voices and playing instruments with increasing accuracy, fluency control and expression.
- to improvise and compose music for a range of purposes using the interrelated dimensions of music.
- to listen with attention to detail and recall sounds with increasing aural memory
- to use and understand staff and other musical notations.

**COMPUTING**

The children will be taught to:

- Design programs that accomplish specific goals
- Design and create programs
- Debug programs that accomplish specific goals
- Use repetition in programs

**PE  
SWIMMING**

Children will be:

- Improving confidence in the water
- Improving stroke efficiency and competency
- Learning about water safety

**HISTORY**

The children will learn:

- about migration to and from Liverpool.
- they will cover various aspects.
- they will discuss past problems such as The Great Famine in Ireland in the 1840's right up to issues in the present day.

