

Numeracy, Problem Solving and Reasoning

Multiplication and Division

Multiply and divide numbers up to 4 digits by a one or two digit number using a formal written method, including long multiplication for 2 digit numbers.

Multiply and divide numbers mentally drawing upon known facts.

Divide numbers up to 4 digits by a one digit number using the formal written method of short division and interpret remainders appropriately for the context.

Solve problems involving addition and subtraction, multiplication and division and a combination of these, including understanding the use of the equals sign.

Fractions

Identify, name and write equivalent fractions of a given fraction, represented visually including tenths and hundredths.

Compare and order fractions whose denominators are multiples of the same number.

Recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements >1 as a mixed number.

Add and subtract fractions with the same denominator and denominators that are multiples of the same number.

Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams.

Read and write decimal numbers as fractions.

Communication, language and Literacy Reading

To explain and discuss their understanding of what they have read, including through formal presentations and debates, maintaining a focus on the topic and using notes when necessary.

Predict what might happen from the details stated and implied.

Retrieve record and present information from non-fiction

Writing

Write in the style of a particular author, organised into chapters, extend ways to link paragraphs using adverbs and adverbial phrases.

Adapt the story for a different audience aiming for consistency in character and style

Adapt a piece of persuasive writing for different audiences, shifting levels of formality across the pieces e.g. an informal speech followed by a formal speech on the same subject.

Transform the piece into a persuasive letter with the shifts of formality embedded within it by focussing on use of vocabulary or adding quotes or references.

Knowledge and Understanding of the World

(Science, RE, Geography, DT & Computing)

Science - Animals including Humans; looking at what happens to the human body as it grows old.

Materials—focussing on state of solubility, transparency, conductivity, dissolving, reversible changes.

Geography—developing knowledge of the purpose and importance of the Amazon rainforest

RE— importance of the bible and what happened during the last supper.

DT—cooking—weighing, grating, rubbing, measuring, cutting, chopping, developing an extended senses related vocabulary.

Computing—Coding and spreadsheets

Physical Development

This term we will focus on the fundamental movement skills of:

Dynamic balance to agility

Counter Balance

Static Balance

During indoor PE our learning cogs focus will be physical and social. During outdoor PE the children will work with a football coach and then gain knowledge of Hockey.

Hetton Lyons Primary School

Curriculum Overview

Y5 Spring 2020



Creative Development

Art—Use sketching skills, using a range of drawing implements.

Music— Pop ballads and Old school hip-hop developing the skills of recognising styles, finding the pulse, recognising instruments, listening and discussing to other dimensions of music