

MATHS

Number and Place Value

Read, write, compare and order 6-digit numbers using the < and > signs; multiply and divide numbers with up to 3 decimal places by 10, 100 and 1000; round decimals to the nearest tenth and whole number.

Written addition Use column addition to add 5-digit numbers, decimal numbers and amounts of money; solve problems involving decimal numbers and amounts of money.

Mental addition and subtraction

Use mental strategies to solve word problems.

Multiplication and division

Revise short multiplication to multiply 4-digit numbers by 1-digit numbers; use long multiplication to multiply 3- and 4-digit numbers by tens numbers; use short division to divide 3- and 4-digit numbers by 1-digit numbers, including remainders.

Measures

Revise converting 12-hour to 24-hour clock times; calculate time intervals using 24-hour clock format; read and write Roman numerals; convert g to kg; ml to l; mm to cm; cm to m; m to km; miles to km.

Geometry

Calculate perimeter, area and volume of shapes; calculate the area of a triangle; find the area of parallelograms; name and describe properties of 3D shapes; systematically find and compare nets for different 3D shapes.

Fractions, Ratio and Proportion

Add, subtract and multiply fractions; convert improper fractions to whole numbers.

SCIENCE

Light

Demonstrate and conclude that light travels in a straight line. Describe the movement of light. Explain that shadows have the same shape of the object casting it. Investigate magnifying lenses. Plan and carry out a light colour mixing investigation. Present findings in charts and line graphs. Identify patterns from results.

Electricity

Compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches. Use recognised symbols when representing a simple circuit in a diagram. Associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit. Plan different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary. Take measurements with increasing accuracy and precision, taking repeat readings when appropriate. Record data and results using tables, scatter graphs, bar and line graphs.

ENGLISH

Fiction

Read, Write, Perform – The Crawl: Prologue

Science Fiction stories

Non-Fiction

Non-chronological reports linked to local study

Persuasive writing linked to Monkton Park

Poetry

Where the poppies now grow – remembrance

Grammar

Y5 Revision – Relative clauses, modal verbs, adverbs, parenthesis, expanded noun phrases, commas, present and past tense, synonyms and antonyms.

Y6 – Word classes, subjunctive form.

Spellings

Year 5/6 statutory words, short and long vowel sound /i/ spelt y, adding the prefix 'over', convert nouns/verbs into adjectives using the suffix '-ful', 'ou' and 'ow' words.

WHAT ARE WE LEARNING IN TERMS 1 & 2 in Year 6?



HISTORY/GEOGRAPHY

Key events of 1960s;

Famous people: Neil Armstrong;

Life in the 1960s;

Local area study – Monkton Park;

Local landmarks – Monkton House;

Local Map studies;

Local census studies.

ICT

E-safety: communicating safely online, identifying safe and trustworthy social networking sites, recognising the dangers of communicating with strangers online, explain what is meant by cyber bullying and how to respond and combat cyber bullying.
Programming: Scratch skills, creating a game based on the 1969 moon landings.

PSHE

Funtrition

RE

Personal identity, differences of beliefs between individuals and communities, tolerance and understanding, how sense of belonging is shaped by relationships, responsibilities of belonging to a global community, importance of sharing within a global community.

ART and DESIGN

Skills – pop art self-portraits, portraits of 1960s icons.

Models and Structures - Light up Christmas decorations.

MUSIC

Create different moods through music; use Holst's 'Mars, the Bringer of War' as inspiration to compose, perform and evaluate a group composition that incorporates mood and emotion.

FRENCH

Our School – Telling the time, revise numbers to 30, recognise and say places in school, masculine and feminine words, lessons in school, read and understand a school timetable.