

English Autumn

Poetry – explore a range of poems about the natural world by Ted Hughes. Focusing in on the use of powerful language.

Fiction – The Eye of the Wolf: paying close attention to the author's use of language and specific devices such as flashbacks and character viewpoints.

Non-fiction – Save Pompeii: Locate key information using an ebook. Using this information to write an information leaflet and a newspaper article.

The Great Debate: learn how arguments are constructed and practise distinguishing fact from opinion.

Grammar: Chunks of meaning – subject, verb object. Use of colons, lists and bullet points.

Main clauses, subordination, hyphens and dashes.

English Summer

Comprehension revision: Revision of key comprehension skills of inference and information retrieval. Answering questions about the author's choice of language and the structure of texts, and practise finding evidence from the text to support answers.

Fiction – Salamander Dream: looking closely at the way the author depicts characters and setting and how the structure and presentation contribute to meaning.

Non-fiction – Amazing Adventures: Identify key facts and then sorting and classifying the information. In a class debate, present arguments for or against the internet.

Live Unit – A Midsummer Nights Dream: explore the play, using drama techniques to empathise with the characters and understand the conflicts and dilemmas that drive the plot.

Grammar: Ellipsis, co-ordinating and subordinating conjunctions, active and passive and using prefixes.

Maths

Number / Calculation, Problem solving, Reasoning, Algebra
Number & place value – read, write, compare 6 digit numbers & what they represent; Understand negative numbers; calculate small differences between negative numbers and negative and positive numbers; add and subtract negative numbers;

Mental & written addition and Subtraction - Use mental addition strategies to solve additions including decimal numbers; use column addition to add 5-digit numbers, decimal numbers and amounts of money; use mental addition, column subtraction and Counting up to solve subtractions of amounts of money and word problems;

Mental & written multiplication and division - multiply and divide by 10, 100 and 1000; Use mental multiplication strategies to multiply by numbers such as 4, 8, 5, 25, 19, 29 and 99; short multiplication multiply 3, 4-digit numbers by 1-digit numbers and use this to multiply amounts of money; solve word problems involving multiplication including two-step problems and finding change; use long multiplication to multiply 3-digit and 4-digit numbers by teens numbers.

Problem solving, Reasoning, Algebra - Express missing number problems algebraically and find pairs of numbers that satisfy equations involving two unknowns; understand how brackets can be used in calculation problems; use knowledge of the order of operations to carry out calculations involving the four operations, solve addition and subtraction multi-step problems using knowledge of the order of operations; find missing lengths and angles;

English Spring

Poetry – explore free verse poems and the use of the poetic voice, focusing on imagery and different language patterns.

Fiction – Fantastic, Funny, Frightening : explore and compare style in different genres, ask questions and develop understanding of inference, language, structure and presentation.

Word Detective: investigate spelling patterns and generation spelling rules
Non-fiction – What is blood for? Using evidence from the text to find answers and scanning for specific information. Use grammatical, presentational and organisational features to affect the presentation of information.

Grammar: Abstract nouns, synonyms and antonyms, informal speech to formal writing, the subjunctive, active and passive, formal connections.



Year 6

Maths

Fractions, Decimals & Percentages/Ratio & Proportion

Write & compare 1, 2, and 3 place decimal numbers; round decimals to nearest tenth and whole number and place on a number line; convert decimals (up to 3 places) to fractions and vice-versa. solve problems involving number up to 3 decimal places, choose an appropriate method to solve decimal addition; compare fractions with unlike, but related, denominators; correctly use the terms fraction, denominator, numerator; understand what improper fractions and mixed numbers are, add fractions with same denominator, writing the answer as a mixed number; add with different denominators, express a remainder as a fraction, simplifying where possible when dividing; percentages of amounts; multiply fractions, convert improper fractions to whole number. describe ratio and use ratio to solve problems; find fractions and simplify ratios.

Maths

Geometry/Statistics

Properties of shape - name and describe properties of 3D shapes; systematically find and compare nets for different 3D shapes.

Measurement – Calculate the perimeter, area and volume of shapes, calculate the area of a triangle using the formula $A = \frac{1}{2} b \times h$; find the area of parallelograms using the formula $A = b \times h$; and know their units of measurement; Convert between grams and kilograms, millilitres and litres, millimetres and centimetres, centimetres and metres, metres and kilometres, and miles and kilometres; revise reading the 24-hour clock and convert 12-hour times to 24-hour; read and write Roman numerals; find time intervals using the 24-hour clock.

Position & direction – Read and plot coordinates in all four quadrants, draw and translate simple polygons using coordinates and find missing coordinates for a vertex on a polygon; draw and reflect simple polygons in both the x-axis and y-axis using coordinates; find unknown angles around a point, on a line, in a triangle or vertically opposite and in polygons where diagonals intersect

Statistics - Calculate and understand the mean average; construct and interpret distance/time line graphs where intermediate points have meaning, including conversion line graphs; understand pie charts are a way of representing data using percentages, interpret and construct pie charts

PE

Perform with increasing fluency, control & accuracy, perform the HAKA, translate ideas into movement, use expression, perform simple phrases and rhythmic patterns

Compose sequences, bounce patterns, turning jumps, clear balanced shapes, link balances together, counter balance and counter tension, link 4 combined balances with appropriate movement

Computing

Espresso Coding (More Complex Variables)

Multimedia MovieMaker

Espresso Coding (Object properties)

Using the Internet (SATs)

Programming – Kodu

Handling Data - Excel Spreadsheets

Art

Recognise basic geometric shapes when drawing from observation.

Develop techniques of showing tone and texture within drawings.

Begin to understand perspective.

Explore painting in different mediums.

Secure understanding of colour theory.

Create mixed media paintings.

Explore the printing process.

Experiment with creating printing blocks using a variety of materials.

Create prints in multiple colours.

Use drawing from the imagination to explore the topic of the Vikings

Explore the work of artists - Holbein, Frida Khalo, Nikki Rosato, Andy Goldsworthy

Draw self portraits

Create sculptures using found materials.

Develop joining and moulding techniques using clay

Music

Autumn: Rock – Livin' on a Prayer

Christmas Carols for concert

Spring: Classroom Jazz 2

Hip Hop – Fresh Prince of Bel Air

Summer: End of Year School Production

History

Ancient China

Vikings and the Anglo-Saxon struggle

Monarchy

Geography

Locational Geography – Asia, Mapwork Skills

Region of North or South America

Environment - climate zones, biomes, vegetation



Year 6

DT

The children will be investigating and researching, planning and designing, making and evaluating in the following areas:

Textiles

Construction

Sheet Material

Food

Science

Animals including humans: Circulation – name the parts and functions of the human circulatory system

Animals including humans: Health – recognise the impact of diet, exercise, drugs have on our bodies, how are water and nutrients transported within our systems

Evolution and inheritance – living things change over time, fossils, living things and their offspring, how animals and plants adapt to suit their environment

Light – travels in straight lines, how do we see? shadows

Electricity- circuits , brightness of light and number of voltage of cells used, use symbols to represent a circuit in a simple diagram

All living things – classifying according to characteristics and give reasons

RE

Christianity - Who is the Holy Spirit? Where can we find out about the birth of Jesus? How do we know what happened at Easter? What do Christians believe God is like?

Buddhism- What is the Buddhist way of life?

Hinduism- What does it mean to be a Hindu?

What can we learn from the Hindu use of images?

Living together in one world.

PSHE / Citizenship / British Values

New beginnings, Getting on & Falling Out

Going for Goals, Good to be Me

Relationships, Changes

Spanish

Learning the Spanish alphabet, I Spy game, food & drink, what I want, Day of the Dead, write own menu, role play in a café, write a dialogue, Christmas in Spain, write stories, where are you from? What is in a town? Give directions, sport, clothing, seasonal clothing.