

English

Writing

Plan what they write including the audience they are writing for.
Draft and write their ideas by selecting appropriate grammar and vocabulary and using a wide range of devices to build cohesion within and across paragraphs.
Evaluate and edit their writing by assessing its effectiveness and making suitable improvements.
Proof-read for spelling and punctuation errors.

English

Grammar

Recognise vocabulary and structures that are appropriate for formal speech and writing, including subjunctive forms.
Using expanded noun phrases to convey complicated information concisely
Using modal verbs or adverbs to indicate degrees of possibility
Using relative clauses beginning with who, which, where, when, whose, that or with an implied (i.e. omitted) relative pronoun

Speaking & Listening

Regular opportunities to participate in discussions and to present ideas to others.

Drama

Act out scenes and scenarios to develop understanding of characters feelings and motivations.

English

Reading

Apply their growing knowledge of root words, prefixes and suffixes, both to read aloud and to understand the meaning of new words they meet.
Maintain positive attitudes to reading and understanding of what they read.
Discuss and evaluate how authors use language, including figurative language, considering the impact on the reader.
Retrieve, record and present information from non-fiction.
Participate in discussions about books that are read to them and those they can read for themselves, building on their own and others' ideas and challenging views.



Year 5

Maths

Fractions, Decimals & Percentages

Understand place value in decimal numbers; multiply and divide numbers with up to two decimal places by 10 and 100; add and subtract 0.1 and 0.01; compare and place fractions on a line; find equivalent fractions and reduce them to their simplest form; recognise equivalent fractions and decimals to half, tenths and fifths; understand place value in decimal numbers to 2-decimal places; place decimal numbers on a line; round two-place decimal numbers to nearest tenth and whole number; say the number a tenth or a hundredth more; convert improper fractions to mixed numbers and vice versa; write improper fractions as mixed numbers and vice versa; multiply proper fractions by whole numbers

Maths

Number / Calculation

Number & place value – round numbers to the nearest 10, 100 and 1000 and decimals up to two places to the nearest whole number; compare and order numbers with up to two decimal places; Read, write and order numbers with up to 6 digits & understand the place value of each digit; place 6-digit numbers on number line, find numbers between; solve place-value additions and subtractions with 6-digit numbers; identify prime numbers; revise finding factors of numbers; find squares and square roots of square numbers; make and test rules; understand and use negative numbers in the context of temperature; roman numeral dates
Mental & written addition and Subtraction - Read, write, compare and order 5-digit numbers, use < and > signs; add and subtract multiples of 10, 100 and 1000 to and from 5-digit numbers; use written addition to add two 4-digit numbers; spot patterns; Add and subtract 2-digit numbers mentally; choose a strategy for solving mental additions or subtractions; solve word problems; Solve subtraction using a written method for 3-digit – 3-digit numbers and for 4-digit numbers; use counting up (Frog) as a strategy to perform mental subtraction; find change from a multiple of ten pounds; Use a written column method to add amounts of money in pounds and pence; add 2-place decimals using written column addition; subtract decimal numbers using counting up (Frog); Add mentally 2-place decimal numbers in of money; mentally subtract amounts of money including giving change;
Mental & written multiplication and division - multiply and divide by 0 and 100; multiply and divide by 4 by doubling or halving twice; use mental multiplication strategies to multiply by 20, 25 and 9; Recognise which numbers are divisible by 2, 3, 4, 5, 6, 9 and 25 and identify multiples; find factors; Use mental strategies to multiply and divide multiples of 10 and 100; use a written method to multiply 3-digit and 4-digit numbers by 1-digit numbers; divide 3-digit numbers by 1-digit numbers using written method and express remainders as a fraction; Use rules of divisibility to find if numbers are divisible by 2, 3, 4, 5, 9, 10; Use grid method to multiply pairs of 2-digit numbers; use short division to divide 3-digit numbers by 1-digit numbers

Maths

Geometry & Measures

Properties of shape - Use a protractor to measure & draw angles in degrees; recognise, use terms and classify angles as obtuse, acute and reflex; recognise that angles on a line total 180° and angles round a point total 360°; identify and name parts of a circle including diameter, radius, circumference; draw circles to a given radius using a pair of compasses; relate angles to turns, and recognise that a 360° angle is a complete turn; use angle facts to solve problems related to turn; Know properties of equilateral, isosceles, scalene and right-angled triangles; sort triangles; draw polygons using dotted square and isometric paper; revise obtuse, acute and reflex angles, perpendicular and parallel sides; recognise quadrilaterals as polygons, identify their properties; classify quadrilaterals; draw regular polygons, explore properties; create 3d shapes using nets
Measurement – Revise converting 12-hour clock times to 24-hour clock times; calculate time intervals using 24-hour clock format; measure lengths in mm and convert to cm; find perimeters in cm and convert cm to m; use scales to weigh amounts to the nearest half interval; convert from gs to Kgs and vice versa, from ls to Is and vice versa, and from ms to kms; read scales to the nearest half division; understand that we measure distance in Kms and miles; give approximate values of miles in kms and vice versa; revise metric and understand imperial measures, area & perimeter; find the volume of cube/cuboid, relate volume to capacity
Position & direction – Read and mark co-ordinates in the first two quadrants; draw simple polygons using co-ordinates; reflect simple shapes in the y axis or in a line
Statistics - draw line conversion graphs

PE

Translate abstract images into movement, perform with clear dynamics & precise footwork, group organisation, evaluate, variety of rhythms
Bridge shapes on floor & apparatus, join with rolls, turning jumps, 5 basic jumps, create sequences, spinning on different body parts, rotations, transfer all skills to apparatus

History

Greeks and their Legacy
Anglo-Saxons and Scots
Crime and Punishment
Leisure and Entertainment

Science

Properties and changes of materials: Solids, liquids & gases, dissolving materials, how they can be separated, dissolving, mixing are reversible, some changes are not reversible
Properties and changes of materials: Changes of materials, compare & group materials, use of everyday materials and why, Forces – gravity between Earth and falling objects, the effects of air, water and friction between moving surfaces, mechanical forces
Animals including humans: Human life cycle, changes from birth to old age
All living things: Reproduction of plants and animals, differences in life cycles
Earth and Space – movement of the Earth and planets relative to the sun, movement of the moon relative to the Earth, Earth's rotation, day & night

Computing

Espresso Coding (Speed/Direction/Coordinates)
Multimedia (Advanced PowerPoint)
Espresso Coding (Random numbers and Simulation)
Handling Data - Excel Spreadsheets
Programming – Flowol
Creating Web Pages

Geography

European Country - Greece
Human Geography- Settlements
Human Geography - Trade links and the distribution of natural resources

Art

Design 3D models through 2D drawings.
Develop joining techniques using clay to create a coil pot.
Explore the printing process.
Design and make printing blocks by building up shapes from the block
Explore the work of artists - Holbein, Khlo, Rosato, Goldsworthy
Develop ideas using sketchbooks.
Explore techniques for drawing with different mediums.
Develop techniques for showing texture and tone
Begin to recognise basic geometric shapes in observational drawings
Learn about the work of key artists throughout history.
Learn about colour theory.
Paint in a variety of different mediums.
Use textiles to create collages.
Explore a variety of techniques for working with textiles – stitching, plaiting, pinning & sticking



Year 5

RE

Christianity - Who brought Christianity to Britain? Why is light an important sign at Christmas? What is 'Church'? Why did Jesus die? How did Jesus change lives?
Islam - What are the pillars of Islam?
Judaism What does it mean to be a Jew?
What is faith and what difference does it make in our local communities?

PSHE / Citizenship / British Values

New beginnings, Getting on & Falling Out
Going for Goals, Good to be Me
Relationships, Changes

DT

The children will be investigating and researching, planning and designing, making and evaluating in the following areas:
Food
Textiles
Construction
Sheet Material

Spanish

Days of the week, ask and answer questions about birthdays, months of the year etc tell the time, parts of the body, what do you look like? Spanish Carol, pets, family names, questions about family, talk & write about family, numbers to 100, food & drink, likes/dislikes

Music

Don't Stop Believin' - Five Gold Rings – Classroom
Jazz 1 – Benjamin Britten – Stop! – Reflect, Rewind and Replay