

English

Writing

Secure spelling, inc. homophones, prefixes, silent letters, etc.

Use a thesaurus

Legible, fluent handwriting

Plan writing to suit audience & purpose

Develop character, setting and atmosphere in narrative

Use organisational & presentational features

Use consistent appropriate tense

Proof-reading

Perform own compositions

English

Reading

Apply knowledge of morphology & etymology when reading new words

Reading & discuss a broad range of genres & texts

Identifying & discussing themes

Make recommendations to others

Learn poetry by heart

Draw inference & make predictions

Discuss authors' use of language

Retrieve & present information from non-fiction texts.

Formal presentations & debates

Maths

Number/Calculation

Secure place value to 1,000,000

Use negative whole numbers in context

Use Roman numerals to 1000 (M)

Use standard written methods for all four operations

Confidently add & subtract mentally

Use vocabulary of prime, factor & multiple

Multiply & divide by powers of ten

Use square and cube numbers

English

Grammar

Use expanded noun phrases

Use modal & passive verbs

Use relative clauses

Use commas for clauses

Use brackets, dashes & commas for parenthesis

Speaking & Listening

Give well-structured explanations

Command of Standard English

Consider & evaluate different viewpoints

Use appropriate register

Drama

Reflect on how working in role helps to explore complex issues

Perform a scripted scene making use of dramatic conventions



Year 5

Maths

Geometry & Measures

Convert between different units

Calculate perimeter of composite shapes & area of rectangles

Estimate volume & capacity

Identify 3-d shapes

Measure & identify angles

Understand regular polygons

Reflect & translate shapes

Data

Interpret tables & line graphs

Solve questions about line graphs

Maths

Fractions, decimals & percentages

Compare & order fractions

Add & subtract fractions with common denominators, with mixed numbers

Multiply fractions by units

Write decimals as fractions

Order & round decimal numbers

Link percentages to fractions & decimals

P.E

Use running, jumping, catching and throwing in isolation and in combination
Play competitive games, applying basic principles
Develop flexibility & control in gym, dance & athletics
Take part in Outdoor & Adventurous activities
Compare performances to achieve personal bests

Computing

Design & write programs to solve problems
Use sequences, repetition, inputs, variables and outputs in programs
Detect & correct errors in programs and coding
Understand uses of networks for collaboration & communication
Be discerning in evaluating digital content

MFL

Listen & engage
Engage in conversations, expressing opinions
Speak in simple language & be understood
Develop appropriate pronunciation
Present ideas & information orally
Show understanding in simple reading
Adapt known language to create new ideas
Describe people, places & things
Understand basic grammar, e.g. gender

Music

Perform with control & expression solo & in ensembles
Improvise & compose using dimensions of music
Listen to detail and recall aurally
Use & understand basics of staff notation
Develop an understanding of the history of music, including great musicians & composers

History

British History (taught chronologically) (1 Term)

An extended period study, e.g.

- The changing power of monarchs inc. Tudors (link to Human and Physical Geography based on studying London Town)

Broader History Study (1/2 Term)

Non-European society, i.e.

- Islamic civilization, including Baghdad

RE

Christian Liturgy * the Beatitudes * Advent and Epiphany
Understanding faith in our community * Monastic traditions
The five pillars of Islam * Buddhism



Year 5

Geography

Name & locate counties, cities, regions & features of UK
Understand latitude, longitude, equator, hemispheres, tropics, polar circles & time zones
Study a region of Europe, and of the Americas
Understand biomes, vegetation belts, land use, economic activity, distribution of resources, etc.
Use 4-figure grid references on OS maps
Use fieldwork to record & explain areas

Science

Biology

Life cycles of plants & animals (inc. mammal, insect, bird, amphibian)

Describe changes as humans develop & mature

Chemistry

Classify materials according to a variety of properties

Understand mixtures & solutions

Know about reversible changes; identify irreversible

Physics

Understand location and interaction of Sun, Earth & Moon

Introduce gravity, resistance & mechanical forces

DT

Use research & criteria to develop products which are fit for purpose and aimed at specific groups
Use annotated sketches, cross-section diagrams & computer-aided design
Analyse & evaluate existing products and improve own work
Use mechanical & electrical systems in own products, including programming
Cook savoury dishes for a healthy & varied diet - baking bread, making healthy burgers and scones

ART

Use sketchbooks to collect, record, review, revisit & evaluate ideas
Improve mastery of techniques such as drawing, painting and sculpture with varied materials
Learn about great artists, architects & designers