

English

Read a range of books including modern fiction, making comparisons within and across books
Infer characters' feelings and summarise the main ideas
Distinguish between a fact or opinion
Use a thesaurus
Plan writing using notes
Integrate dialogue to convey character and advance the action
Ensure correct use of tense and subject / verb agreement
Use expanded noun phrases, modal verbs and relative clauses

Art

Use sketch books to record observations and review ideas
Improve mastery of techniques
Learn about architects and designers

Music

Play and perform in different contexts using musical instruments
Use and understand staff and musical notations
Understand a wide range of high quality music from different traditions, composers and musicians

PE

Continue to apply and develop a broader range of skills and focus on how to use them in different ways to make actions and sequences
Play competitive games
Take part in outdoor and adventurous activities and challenges

Science

Plan investigations by controlling variables, using equipment to repeat readings and record data in a variety of ways
Topics: Living things and habitats, Animals / Humans, Properties and changes of materials, Earth and Space, Forces

RE and PSHE

To develop a good understanding of the school values and apply these at school
Discuss and debate 'big questions' during P4C sessions
Make links between religious stories and beliefs and interpret significant ideas

MFL

Speak in sentences using familiar vocabulary, phrases and language structure
Broaden their vocabulary and develop their ability to understand new words, including using a dictionary

Year 5

Curriculum

Maths

Read, write, order and compare numbers up to 1,000,000 and be able to round up to 100,000
Read Roman numerals to 1000 (M) and identify multiples, factors, prime composite, square and cube numbers
Add and subtract numbers with more than four digits using column methods and solve multi step problems
Multiply 4 digits x 1 digit and 4 digit x 2 digit using long and short multiplication
Divide 4 digits by 1 digit using short division
Recognise mixed numbers and improper fractions
Write decimal numbers as fractions
Estimate the area of irregular shapes and volume
Identify 3D shapes from 2D representations
Measure angles in degrees including reflex
Explore line graphs and timetables

History

Understand how our knowledge of the past is constructed from a range of sources
Continue to develop a chronologically secure knowledge and understanding of British, local and world history
Focus on the Roman Empire and its impact on Britain

Computing

Design, write and debug programs that accomplish specific goals
Select, use and combine software to present and analyse information and data
Recognise acceptable / unacceptable behaviour

Geography

Locate countries in Europe
Describe and understand volcanoes and earthquakes
Identify the position and significance of the hemispheres
Understand geographical similarities and differences by comparing a region in the UK with Europe and North/South America

D+I

Design products aimed at particular individuals or groups
Generate ideas through prototypes
Select from and use a range of tools, equipment and ingredients
Evaluate their products against given criteria
Understand and use mechanical systems

