

History/Geography

To investigate and interpret the past:

- Use sources of evidence to deduce information about the past.
- Select suitable sources of evidence, giving reasons for choices.
- Use sources of information to form testable hypotheses about the past.
- Seek out and analyse a wide range of evidence in order to justify claims about the past.
- Understand that no single source of evidence gives the full answer to questions about the past.
- Refine lines of enquiry as appropriate.

To build an overview of world history:

- Describe the social, ethnic, cultural or religious diversity of past society.
- Describe the characteristic features of the past, including ideas, beliefs, attitudes and experiences of men, women and children.

To understand chronology:

- Describe the main changes in a period of history (using terms such as: social, religious, political, technological and cultural).
- Use dates and terms accurately in describing events.

To communicate historically:

Use appropriate historical vocabulary to communicate, including:

- dates
 - time period
 - era
 - chronology
 - continuity
 - change
 - century
 - decade
 - legacy.
- Use literacy, numeracy and computing skills to an exceptional standard in order to communicate information about the past.

Design and Technology

To master practical skills: Mechanics -

- Convert rotary motion to linear using cams.
- Use innovative combinations of electronics (or computing) and mechanics in product designs.

Ancient
Civilisations

Ancient
Greece

Literacy

Writing Genres

Narrative -

- Write stories that contain mythical, legendary or historical characters or events:
- Write plays.
- Write stories, letters, scripts and fictional biographies inspired by reading across the curriculum.

Non Fiction -

- Write recounts.
- Write persuasively
- Write non-chronological reports

To write with purpose:

- Identify the audience for writing.
- Choose the appropriate form of writing using the main features identified in reading.
- Note, develop and research ideas.
- Plan, draft, write, edit and improve.

To use imaginative description:

- Use the techniques that authors use to create characters, settings and plots.
- Create vivid images by using alliteration, similes, metaphors and personification.
- Interweave descriptions of characters, settings and atmosphere with dialogue.

Spelling:

- Unstressed consonants
- To use prefixes appropriately (uni, bi, tri, circ, tele, trans, min, magn and multi)
- Spelling with Latin roots
- Suffixes: en, ify and ate

Punctuation and Grammar:

- Write sentences that include relative clauses, relative pronouns, brackets, parenthesis, hyphens, colons and semi-colons.
- Using passive verbs to affect the presentation of information in a sentence.
- Using expanded noun phrases to convey complicated information concisely.

P.E.
Netball

Numeracy

To add and subtract:

- Add and subtract negative integers.
- Use negative numbers in context and calculate intervals across zero.

Place Value:

- Determine the value of each digit in any number.

To multiply and divide

- Divide numbers up to 4 digits by a two-digit whole number using the formal written method of long division, and interpret remainders as whole number remainders, fractions, or by rounding, as appropriate for the context.

Fractions (including decimals and percentage, ratio and proportion)

- Multiply simple pairs of proper fractions, writing the answer in its simplest form.
- Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams.
- Use common factors to simplify fractions; use common multiples to express fractions in the same denomination.
- Associate a fraction with division and calculate decimal fraction equivalents.
- Compare and order fractions, including fractions > 1 .
- Round decimals with two decimal places to the nearest whole number and to one decimal place.
- Read, write, order and compare numbers with up to three decimal places.
- Identify the value of each digit in numbers given to three decimal places.
- Solve problems involving number up to three decimal places.

To use measures:

- Convert between different units of metric measure.
- Solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places where appropriate.
- Use, read, write and convert between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation up to three decimal places.
- Recognise when it is possible to use formulae for area and volume of shapes.
- Calculate the area of parallelograms and triangles.

To use statistics:

- Calculate and interpret the mean as an average.
- Interpret pie charts and line graphs and use these to solve problems.

Reading

To understand texts:

- Identify and discuss themes and conventions in and across a wide range of writing.
- Make comparisons within and across books.
- Identify how language, structure and presentation contribute to meaning.
- Retrieve and record information from non-fiction.
- Participate in discussion about books, taking turns and listening and responding to what others say.

R.E – Organisations which reflect Christian values

To understand beliefs and teachings:

- Explain how religious beliefs shape the lives of individuals and communities.

To understand how beliefs are conveyed:

- Explain some of the different ways that individuals show their beliefs.

To reflect:

- Recognise and express feelings about their own identities. Relate these to religious beliefs or teachings.

ICT

Set IF conditions for movements. Specify types of rotation giving the number of degrees.

Use IF THEN ELSE conditions to control events or objects

Use lists to create a set of variables.

Choose the most suitable applications and devices for the purposes of communication.

- Use many of the advanced features in order to create high quality, professional or efficient communications