

Computing

In computing the children will:

- Design and write programs to achieve specific goals, including solving problems.
- Use logical reasoning.
- Understand computer networks.
- Use the Internet safely and appropriately.
- Collect and present data appropriately.

Design Technology

In DT the children will:

- Use research and criteria to develop products, which are fit for purpose.
- Use annotated sketches and prototypes to explain ideas.
- Evaluate existing products and improve own work.
- Use mechanical systems in own work.
- Understand seasonality; prepare and cook mainly savory dishes.

English:

Reading:

- Secure decoding of unfamiliar words.
- Read for a range of purposes.
- Retell some stories orally.
- Discuss words and phrases that capture the imagination.
- Identify themes and conventions.
- Retrieve and record information.
- Make inference and justify predictions.
- Recognise a variety of forms of poetry.
- Identify and summarise ideas.

Writing:

- Correctly spell common homophones.
- Increase regularity of handwriting.
- Plan writing based on familiar forms.
- Organise writing into paragraphs.
- Use simple organizational devices.
- Proof read for spelling and punctuation errors.
- Evaluate own and others writing.
- Read own writing aloud.

Grammar:

- Use wider range of conjunctions.
- Use perfect tense appropriately.
- Select pronouns and nouns for clarity.
- Use and punctuate direct speech.
- Use commas after front adverbials.

Speaking and Listening:

- Articulate and justify opinions.
- Speak audibly in Standard English.
- Gain, maintain and monitor interest of listeners.

Art

In art the children will:

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

Year Four

Languages

In languages the children will:

* Listen and engage, ask and answer questions, speak in sentences, develop pronunciation, understand words and phrases, appreciate stories, songs and rhymes and broaden vocabulary.

Music

In music the children will:

- Use voice and instruments with increasing accuracy, control and expression.
- Improvise and compose music.
- Listen with attention to detail.
- Appreciate a wide range of live and recorded material.
- Begin to develop an understanding of history of music.

Physical Education

In PE the children will:

- Use running, jumping, catching and throwing in isolation and combination.
- Play competitive games.
- Develop flexibility and control in gym, dance and athletics.
- Compare performance to achieve PB'S.
- Achieve swimming proficiency at 25m

Science

In science the children will:

- Classify living things.
- Understand the digestive system and teeth.
- Understand food chains.
- Describe stages of the water cycle.
- Understand changes of state.
- Understand sound as vibrations.
- Create simple circuits and conductors.

MATHS:

In Number and Mental Mathematics the children will:

- Count backwards through zero to include negative numbers.
- Compare and order numbers beyond 1,000.
- Compare and order numbers with up to 2 decimal places.
- Read Roman numerals to 100.
- Find 1,000 more/less than a given number.
- Count in multiples of 6, 7, 9, 25 and 1000.
- Recall and use multiplication and division facts all tables to 12x12.
- Recognise PV of any 4-digit number.
- Round any number to the nearest 10, 100 or 1,000.
- Round decimals with 1dp to nearest whole number.
- Add and subtract:
 - Numbers with up to 4-digits using written columnar method.
- Multiply:
 - 2-digit by 1-digit
 - 3-digit by 1-digit
- Count up/down in hundredths.
- Recognise and write equivalent fractions
- Add and subtract fractions with same denominator.
- Read, write and convert time between analogue and digital 12 and 24-hour clocks.

History

In history the children will:

- Understand a period of british history such as the roman empire.
- Study a broader area of history such as ancient civilisations.

Geography

In geography the children will:

- Locate world's countries, focusing on Europe and Americas (physical and human features)
- Study a region in the UK (not local area)
- Use 8 points of compass, symbols and keys.
- Describe and understand climate, rivers, mountains, volcanoes, earthquakes, and settlements, trade links.
- Use fieldwork to observe, measure and record.