

English

Biographies

Detective/Crime Fiction

(See yearly overview for English skills)

Class Novel: The London Eye Mystery

PSHE

What are human rights?

- Why and how rules are made and enforced.
- Understand basic human rights shared by all people.
- Understand the term 'universal rights'
- Discuss some cultural practices which are against British law and universal human rights.
- Taking care of the body and protecting the body.
- Discussing keeping something confidential – when is it ok to do this?

Religious Education

Buddhism

What do we mean by a good life?

- Analyse Buddhists beliefs and teachings about how to be content.
- Understand the story of Prince Siddhartha and make links with the Four Noble Truths.
- Describe what is involved in the 'Eight-Fold path of Buddhism.
- Ask questions about their own happiness.
- Raise questions about the human experience of being unsatisfied.
- Discuss potential barriers to happiness.

PE- Swimming and Gymnastics

- Be able to swim 25m independently.
- Create and perform longer sequences of actions (8-10) with a partner that show an awareness of their audience in a range of activities such as gymnastic activities.
- Watch performances and games and use criteria to make judgements and suggest improvements.

Topic - History

The Ancient Greeks – How did the Olympics start?

- Use dates and a wide range of historical terms when sequencing events and periods of time.
- Develop chronologically secure knowledge of the events and periods of time studied.
- Analyse links and contrasts within and across different periods of time including short-term and long-term time scales.
- Give some reasons for contrasting arguments and interpretations of the past.
- Describe the impact of historical events and changes.
- Use appropriate vocabulary when discussing, describing and explaining historical events.
- Construct informed responses to historical questions and hypotheses that involve thoughtful selection and organisation of relevant historical information including appropriate dates and terms.
- Choose the most appropriate way of communicating different historical findings.

Science

Animals including humans

- Identify and describe components of blood and their respective functions, noting the different blood groups
- Explore the structure and function of the human heart
- Investigate and recreate heart rates for varying levels of exertion, giving explanations for observation.
- Explain how nutrients and water are transported through the body
- Investigate diffusion and osmosis
- Explore how the circulatory system works and be able to identify the role blood has within this
- Examine the impact of a healthy or unhealthy diet on the human body
- Identify the effects of drugs on the human body.

Computing

Spreadsheets

- Children can create a spreadsheet to answer a mathematical question relating to probability.
- Children can take copy and paste shortcuts.
- Children can problem solve using the count tool.
- Children can use a spreadsheet to model a real-life situation and come up with solutions.
- Children can use the formula wizard to create formulae.

Year 6 Spring 1

The Ancient Greeks

Music

A New Year Carol – Benjamin Britten

- Listen & Appraise-Identify basic musical styles through learning about their style indicators and the instruments played.
- Find the pulse, the steady beat to the music they are listening to and understand what that means.
- More consistently use accurate musical language to describe and talk about music.
- Listen to other ideas about music, respect those ideas and feelings.
- Continue to realise/understand and show how pulse, rhythm and pitch fit together. Perhaps some of the other dimensions too

Musical Activities -

- Games
- Singing
- Playing
- Composition
- Perform/Share

Maths

- Count forwards or backwards in steps of integers, decimals or powers of 10 for any number.
- Describe and extend number sequences including those with multiplication and division steps, inconsistent steps, alternating steps and those where the step size is a decimal.
- Use simple formulae.
- Generate and describe linear number sequences.
- Describe positions on the full coordinate grid (all four quadrants).
- Draw and translate simple shapes on the coordinate plane, and reflect them in the axes.
- Use negative numbers in context, and calculate intervals across zero.
- Order and compare numbers including integers, decimals and negative numbers.
- Calculate and interpret the mean as an average.
- Identify common factors, common multiples and prime numbers.
- Use common factors to simplify fractions; use common multiples to express fractions in the same denomination.
- Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions.
- Multiply simple pairs of proper fractions (using diagram), writing the answer in its simplest form (e.g. $14 \times 12 = 18$).
- Divide proper fractions by whole numbers (using diagram) (e.g. $13 \div 2 = 16$).
- Associate a fraction with division and calculate decimal fraction equivalents (e.g. 0.375) for a simple fraction (e.g. $\frac{3}{8}$).
- 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.
- Divide numbers up to 4 digits by a two-digit number using the formal written method of short division where appropriate, interpreting remainders according to the context.
- Use written division methods in cases where the answer has up to two decimal places.
- Choose an appropriate strategy to solve a calculation based upon the numbers involved (recall a known fact, calculate mentally, use a jotting, written method).
- Solve problems which require answers to be rounded to specified degrees of accuracy.
- Multiply multi-digit numbers up to 4 digits by a two-digit whole number using the formal written method of long multiplication.
- Multiply one-digit numbers with up to two decimal places by whole numbers.
- Choose an appropriate strategy to solve a calculation based upon the numbers involved (recall a known fact, calculate mentally, use a jotting, written method).
- Select a mental strategy appropriate for the numbers involved in the calculation.
- Solve problems which require answers to be rounded to specified degrees of accuracy.
- Enumerate possibilities of combinations of two variables.

Art – Printing

Greek Patterns

- Create printing blocks by simplifying an initial journal idea.
- Use relief or impressed method.
- Create prints with three overlays.
- Work into prints with a range of media e.g. pens, colour pens and paints.

Art – 3-D

construct from
man-made materials
drawing and other
including slabs, coils,