

Maths

Pupils should be taught to:

- use simple formulae; generate and describe linear number sequences; express missing number problems algebraically
- solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places where appropriate
- calculate the area of parallelograms and triangles; calculate, estimate and compare volume of cubes and cuboids using standard units
- illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius
- recognise, describe and build simple 3-D shapes, including making nets; draw 2-D shapes using given dimensions and angles
- recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles.

English (Reading):

- Apply their growing knowledge of root words, prefixes and suffixes, both to read aloud and to understand the meaning of new words that they meet.
- Increase their familiarity with a wide range of books.
- Make comparisons within and across books.
- Prepare poems to read aloud and to perform showing understanding through intonation, tone and volume so that the meaning is clear to the audience.
- Summarise the main ideas drawn from more than one paragraph, identifying key details that support the main ideas.
- Provide reasoned justifications for their views.

English (Writing):

- Spell some words with 'silent' letters
- Use dictionaries and thesaurus
- Noting and developing initial ideas, drawing on reading and research where necessary.
- Precising longer passages.
- Perform their compositions, using appropriate intonation, volume and movement to that meaning is clear.
- Using the perfect form of verbs to mark relationships of time and cause.
- Learning the grammar for years 5-6 in English Appendix 2.
- Use and understand the grammatical terminology in English Appendix 2 accurately and appropriately in discussing their writing and reading.

Art and Design

Dragon Project

Pupils will study,

- Eastern/Western representation. Cultural/traditional styles.
- Contemporary Culture—designing own dragon based on different styles.
- Acrylic painting, colour theory, art history.
- Technical drawings of Komodo dragons.
- Clay Dragons—coil pots, texture, shape, 3D form, mark making.

Science—Biology.

Knowledge

- Describe and explain the way that nutrients and water are transported in animals including humans.
- Describe and explain the main parts of the human circulatory system.
- Describe and explain the impact of diet, drugs and exercise and lifestyle on the functions of the human body.

Working Scientifically

- Identify constants and variables, and the control variable within a fair test.
- Explain and justify decisions made in setting up and carrying out a comparative and fair test.
- Use appropriate equipment to measure accurately in standard units.
- Plan and write a scientific record of an investigation – its aim and hypothesis, variables and constants, equipment safety and method, diagrams, tables and graphs, an explanation of results and conclusion.
- Evaluate the success and accuracy of an investigation, identifying what elements needed to be repeated or altered to improve validity.

French

Communicate through questions and discussion. Use accurate pronunciation and intonation.

Write at varying lengths for different purposes and audiences using the grammatical structures that they have learnt.

Speak and write in full sentences using connectives and voicing opinions in the target language.

Year 6 Summer 2022

What was the
Greek's
greatest
legacy?

Computing

Data and information:

Select, use, and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems, and content that accomplish given goals, including collecting, analysing, evaluating, and presenting data and information.

Creating media: 3D modelling.

To build a data set in a spreadsheet; To apply formulas to data; To create a spreadsheet to plan an event; To choose suitable ways to present data

To recognise that objects can be combined in a 3D model; To create a 3D model for a given purpose; To plan my own 3D model; To create my own digital 3D model.

History

- Ancient Greece – a study of Greek life and achievements and their influence on the western world.
- The legacy of Greek culture (art, architecture or literature) on later periods in British history, including the present day.
- Pupils should note connections, contrasts and trends over time and develop the appropriate use of historical terms.
- Pupils should construct informed responses that involve thoughtful selection and organisation of relevant historical information.
- Pupils should understand how our knowledge of the past is constructed from a range of sources.

P.E

Dance—begin to explore:

- Posture
- Balance
- Coordination
- Control
- Flexibility

Athletics—Learn the correct techniques for:

- Sprinting
- Middle Distance Running
- Throwing
- Jumping

Striking & Fielding—Learn the correct techniques for:

- Throwing & catching—short and long distance
- Batting

- Game tactics

Pickle Ball/Tennis—Learn the correct techniques for:

- Backhand, forehand & volley
- Serving
- Game tactics

PSHE

Drug, Alcohol and tobacco education: Weighing up risk. Pupils learn about:

- the risks associated with using different drugs, including medicine, alcohol, solvents and other legal and illegal drugs.
- About assessing the level of risk of different situations involving drug use.
- About ways to manage risk in situations involving drug use.

Careers, financial capability and economic wellbeing: borrowing and earning money. Pupils learn:

- that money can be borrowed but there are risks associated with this.
- About enterprise
- What influences people's decisions about careers.

R.E.

From the Worcestershire agreed syllabus, children will be focusing on these 2 questions. They will compare religions and reflect on their own lives.

- What do Christians believe Jesus did to save people?
- How does faith help people when life gets hard?

Music

Alternative Ways to Notate Music

- Honda Choir
- Interpreting symbols and creating symbols for sound
- Graphic scores
- Anna Meredith – canon and round

The Art of Performance

- Perform a round
- Perform a modern contemporary song