Cleves School Curriculum Map
Year 4 – Spring Term
'Ancient Greece'

Maths

Multiplication and Division

- Use commutativity in mental calculations
- Recognise factor pairs
- Use factor pairs in mental calculations
- Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers
- Recall multiplication and division facts for multiplication tables up to 12 × 12
- Divide two-digit and three-digit numbers by a one-digit number using formal written layout
- Check answers to multiplication and division calculations using rounding
- Solve problems involving multiplying and adding, including integer scaling and harder correspondence problems

Measurement Perimeter

- Convert from larger to smaller units of metric measure
- Measure the perimeter of a rectilinear figure
- Continue to solve problems involving mixed units of length, mass and capacity/volume
- Calculate the perimeter of a rectilinear figure

Fractions

- Count up and down in hundredths; recognise that hundredths arise when dividing by one hundred and dividing tenths by ten
- Recognise and write decimal equivalents of any number of tenths or hundredths and 1/4; 1/2; 3/4
- Recognise and show, using diagrams, families of common equivalent fractions
- Make connections between fractions of a length, of a shape and as a representation of one whole or a set of quantities
- Use factors and multiples to recognise equivalent fractions and simplify where appropriate
- Recognise that the denominator of a fraction always tells you the number of equal parts that make one whole
- Continue to compare and order unit fractions, and fractions with the same denominators
- Understand the relation between non-unit fractions and multiplication and division of quantities
- To convert proper and improper fractions

Decimals

- Divide a one- or two-digit numbers by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths
- Recognise and write decimal equivalents of any number of tenths or hundredths and 1/4; 1/2; 3/4
- Rounds decimals with one decimal place to the nearest whole number
- Compares numbers with the same number of decimal places up to two decimal places

Literacy

Explanation Text

The children will write an explanation text based upon the human digestive system. This links back to our work in Science, in the Autumn term.

Narrative

The children will write a creative/descriptive piece of text based on their journey through the labyrinth.
This is linked to the myth Theseus & the Minotaur which we will be reading as part of our Ancient Greek topic.

Diary Writing

The children will be writing a diary entry from a different viewpoint based on The Iron Man by Ted Hughes.

Non Chronological Report

The children will write an information page about the Romans.

Computing

The main Computing units of study are set out below, but there will be many other skills that are developed as a result of increased ICT use. Computing is not just a stand alone subject; it permeates across the whole curriculum.

3D Printing

- Introducing CAD (Computer Aided Design) and 3D modelling.
- Understanding how a 3D printer works and using it to create models.
- Software developing - using Scratch to programme and write more complex algorithms.

Lego Coding

- Write more complex algorithms which include repetition
- Write computer programs that control physical system
- Understand the basics of coding and revisit skills learned last year. Show awareness of aspects of Debugging and use of connected code to produce outcomes.

Punctuation and Grammar (PaG)

We will teach the year 4 PaG objectives during weekly sessions. These will link to the literacy genre which we are studying and will then reinforce/extend the children's learning. All sessions are suitably differentiated.

Guided Reading

The children will participate in daily guiding reading sessions where they share a book in their differentiated groups, which they read as a group to the class teacher and independently.

Whole Class Reading

The children will be reading and analysing the story of 'The Iron Man' by Ted Hughes before moving on to looking at independent chapters from a variety of books.

PSHE

Living in the Wider World

- Belonging to a community - *What makes a community, shared responsibilities.*
- Media literacy and digital resilience - *How data is shared and used.*
- Money and work - *Making decisions about money; using and keeping money safe.*

History

Ancient Greece

We will study the beliefs, lifestyle and achievements of the Ancient Greeks.

- To understand the timeline of Ancient Greece and how the key events compared to other major European civilisations.
- To understand how Greek civilisation was organised into city states.
- To understand how Athens developed as a different style of city state and began the concept of democracy.
- To understand the work of key great thinkers.

Science

Electricity

- Identify common appliances that run on electricity.
- Construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers.
- Identify whether or not a lamp will light in a simple series circuit, based on whether or not the lamp is part of a complete loop with a battery.

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<td><u>RE</u>
Judaism

Christianity & Communion
● Communion as a sacrament to ‘remember’
● Passover and new covenant (and Easter)
● Communion and symbolism across the world</td>
<td>● To understand the importance of writing and language to the Greek culture and its legacy today.
● To understand that they created theatres and plays for the masses.
● To understand how Ancient Greek art contributes to our understanding of their history.
● To understand the principles of Ancient Greek architecture and how they impact on buildings today.
● To understand how the Celtic people (Iron Age) were living in Britain at the time of the Ancient Greek civilisation.
● To compare the civilisation with the civilisation of Iron Age Britain.
● To understand the fall of the Greek Empire and how they influenced the Romans.</td>
<td>● Recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit.
● Recognise some common conductors and insulators, and associate metals with being good conductors.

Sound
● Identify how sounds are made, associating some of them with something vibrating.
● Find patterns between the pitch of a sound and features of the object that produced it.
● Find patterns between the volume of a sound and the strength of the vibrations that produced it.</td>
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<td><u>Art</u>
We will be studying abstract artists using the work of Hunderwasser.
● Experiment with ways in which surface detail can be added to drawings.
● Experiment with a range of collage techniques such as tearing, overlapping and layering to create images and represent textures.
● Experiment with different effects and textures
● Create different effects and textures with paint
● Mix colours and know which primary colours make secondary colours.</td>
<td><u>PE and Games</u>
Games
Skills and coordination activities based on the ‘Get Set 4 PE ’ programme.

PE
Dance - learning to move to a beat and adapt a motif
Gymnastics - travelling and moving</td>
<td><u>DT</u>
Children will design and construct their own marble maze linked using the labyrinth from the Greek myth ‘Theseus and the Minotaur’ as inspiration.
● They will design their labyrinth in advance on a 1:1 scale.
● We will cover the Health and Safety aspects of using tools.
● They will be taught a number to use saws, hammer and nails as well as wood glue to join their pieces.</td>
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<td colspan="2"><u>Music</u>
● Children will receive two terms of music on rotation.
● Children will receive an entire term of Surrey Arts music lessons learning Children will receive the first half term of Lean on Me lessons and the second half term of Ukulele Magic and Charanga lessons.</td>
<td><u>French</u>
● Festivals and dates
● Presents
● Numbers to 60
● Giving orders
● Visiting French cities
● Directions
● Weather
● Easter traditions</td>
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Spring Term dates for your diary

- Tues 3 March - Activity Day:
    - Butser Farm (4R/4M)
    - Outdoor Learning (4L/4E)
    - IronMan/Greek Theatre & Masks (4H/4J)
- Thurs 5 March - World Book Day
- Tues 10 March:
    - Butser Farm (4L/4E)
    - Outdoor Learning (4H/4J)
    - IronManMaking/Greek Theatre & Masks (4R/4M)
- Thurs 12 March:
    - Butser Farm (4J/4H)
    - Outdoor Learning (4R/4M)
    - IronMan/Greek Theatre & Masks (4L/4E)
- Fri 20 March - Parents consultation day
- Thurs 26 March - Hooke Court Information Evening, 6pm Performance Hall
- Fri 27 March - half day