

Cleves School Curriculum Map
Year 5 – Summer term
‘Our World’

Summer 1

Place Value (17/4/17 - 28/4/17)

Count forwards or backwards in steps of powers of 10 for any given number to 1 000 000

Round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000

Read Roman numerals to 1000 (M) and recognise years written in Roman numerals

Read and write numbers to at least 1 000 000 and determine the value of each digit (^)

Solve number problems and practical problems with number and place value from the Year 5 curriculum (*)

Area and Perimeter/ Volume (8.5.17 - 19/5/17)

Calculate and compare the area of rectangles

Estimate the area of irregular shapes and volume and capacity (^)

Measure the perimeter of composite rectilinear shapes (^)

Convert between different units of metric measure

Understand and use approximate equivalences between metric units and common imperial units

Solve measurement problems using all four operations and decimal notation, including scaling and conversions

Statistics (22/5/17 - 26/5/17)

Complete tables, including timetables

Summer 2

Addition and Subtraction (5/6/17 - 16/5/17)

Add and subtract numbers mentally with increasingly large numbers

Solve addition and subtraction multi-step problems in familiar contexts, deciding which operations and methods to use and why (*)

Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy

Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction)

Solve measurement problems using all four operations and decimal notation, including scaling and conversions

Multiplication and Division (19/6/17 - 30/6/17)

Divide numbers up to 4 digits by a one-digit number using formal written method of short division and interpret remainders appropriately for the context

Multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbers

Solve problems involving addition, subtraction, multiplication and division, and a combination of these (^)

Develop their understanding of the meaning of the equals sign (*)

Solve problems involving scaling by simple fractions and problems involving simple rates (^)

2D Shape (3/7/17 - 7/7/17)

Distinguish between regular and irregular polygons based on reasoning about equal sides and angles

<p>Interpret more complex tables, including timetables</p> <p>Solve comparison, sum and difference problems using information presented in a line graph</p>	<p>Use conventional markings for parallel lines and right angles</p> <p>Use the term diagonal (+)</p> <p>Use the properties of rectangles to deduce related facts and find missing lengths and angles</p> <p>Fractions, Decimals and Percentages (10/7/2017 - 21/7/2017)</p> <p>Write mathematical statements > 1 as a mixed number (^)</p> <p>Recognise mixed numbers and improper fractions and convert from one form to the other (^)</p> <p>Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams</p> <p>Know percentage and decimal equivalents of $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{5}$, $\frac{2}{5}$, $\frac{4}{5}$ and those with a denominator of a multiple of 10 or 25 (^)</p> <p>Recognise the per cent symbol and understand that per cent relates to number of parts per hundred' (^)</p>
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Literacy

Persuasive Letter

A unit based on *Mr Bear and the Bear* in which children will persuade a bear owner that it's cruel to keep a bear caged for entertainment.

Explanation text

Based on *Coastal Erosion*, we examine the features of explanation text. The children will explain, in detail, how coastal erosion turns a headland into a stump.

Science Fiction

Using '*The Lost Thing*' by Shaun Tan children will explore the genre and will practise writing skills within that style

Choral and Performance Poetry

The children will examine a series of poems to be read aloud and practise performance skills. Their poems will be based on their trip to the Isle of Wight.

Non-Chronological report

The children will write a non-chronological report using the features of a non-fiction text based on our geography topic - China.

Spelling, Punctuation and Grammar (SPaG)

We are continuing to develop the teaching of SPaG within literacy lessons and with weekly focused differentiated lessons.

Guided Reading

We are continuing our guiding reading sessions where the children complete a carousel of reading activities each week. The children share

a book in their groups, which they read as a group to the class teacher and independently.

Computing

- We are Web Developers
 - A unit where the children work together to create a website explaining e-safety and responsible online behaviour
- We are Architects
 - A unit where children research examples of art gallery architecture, before using Trimble SketchUp to create their own virtual gallery. Finally, they use the gallery to exhibit their own art work.

Science

Properties and changes of materials

- Compare and group together materials based on evidence from comparative and fair test, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets.
- Understand that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution.
- Use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating.

The children will also continue to develop their Working Scientifically skills.

PSHE/Philosophy

Sex and Relationship Education:

- Children will be looking at how babies are made and how they are born. We will also be discussing changes to the body as children grow up.

Geography

- Contrasting UK locality - children compare towns in the Isle of Wight with Walton-on-Thames
- They investigate coasts and the process of coastal erosion.
- A study of China - the children will use maps and satellite images to consider the climate and the large physical contrasts in the landscape.
- We consider the impact of this growth upon industry, the environment and the lives of the people.

RE

How did Jesus change lives?

- What is a Miracle?
- Why did Jesus perform miracles?
- The Sermon on the Mount
- Jesus and Parables

Buddhism

- Who was Buddha?
- The 4 Noble Truths
- Eightfold Path
- Mindfulness

	<p><u>History</u> There will be no History taught this term.</p>	
<p style="text-align: center;"><u>Art</u></p> <p>A Sense of Place</p> <ul style="list-style-type: none"> ● Children will be studying the style and work of Georgia O’Keefe. ● They will use digital photography to help them when sketching inside the classroom. ● We will be also sketching contrasting areas within the school environment. They will then use a mix of paint, pastels and tissue paper when creating their own artwork on canvas. 	<p style="text-align: center;"><u>PE/Dance and Games</u></p> <p>PE The children will be learning how to compete in a variety of track and field athletic events in our sports hall. This will culminate in a special ‘year 5’ sports afternoon in which we will compete across the year group.</p> <p>Games The children will be developing their skills in striking and fielding games. They will take part in rounders, cricket, tennis and Outdoor Adventurous Activities</p>	<p style="text-align: center;"><u>Design Technology</u></p> <p>We will be investigating different musical instruments and designing instruments from recyclable materials; this will form part of our Music unit.</p>
<p style="text-align: center;"><u>Music</u></p> <ul style="list-style-type: none"> ● Conducting a metre of four ● Writing lyrics ● Extending arrangements of a song ● Learning to sing a song from our musical heritage ● Developing accompaniments using ostinato and invented or improvised rhythms ● Developing a performance by adding other media ● Performing verse and chorus structure ● Interpreting notation ● Create own instruments from recycled material ● Instruments to improvise, compose and play junk jazz music in a variety of different musical structures. 	<p style="text-align: center;"><u>French</u></p> <ul style="list-style-type: none"> ● Going on holiday ● Activities on holiday ● Opinions of holidays ● Rooms in the house ● Descriptions of rooms ● Activities at home 	

Dates for your diary

- Tues 18th April - Back to school
- Weds 19th April - Informal residential drop-in/ Q and A in 5T (3:30 - 4)
- Fri 28th April - Medical Drop-off in 5T (3:30 - 4)
- Mon 1st May - Bank Holiday
- Tues 2nd May - Isle Of Wight Residential
- Tues 16th May - Fete in the field
- Thurs 25th May - Football Tour
- Fri 25th May - Half term
- Tues 6th June - Back to school
- Weds 14th June - Year 5 Residential performance (6pm)
- Weds 28th June - Upper school sports day (tbc)
- Fri 21st July - End of term