

Cleves School Curriculum Map 2021- 22
Year 5 – SummerTerm
‘Land Formations’

Maths

The expectation is that children will begin to be able to achieve these objectives with some support.

Decimals including money

- Multiply and divide whole numbers and those involving decimals by 10, 100 and 1000
- Divide one- or two-digit numbers by 1000, identifying the value of the digits in the answer as ones, tenths, hundredths and thousandths
- Add and subtract decimals including those with a different number of decimal places
- Solve problems involving addition and subtraction involving numbers up to three decimal places
- Solve measurement problems using all four operations and decimal notation, including scaling and conversions
- Develop fluency in using money expressed in £, converting to p when necessary
- Solve problems involving money, using the four operations
- Add and subtract whole numbers with more than 4 digits, including using formal written methods
- Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy
- Solve addition and subtraction multi-step problems in familiar contexts, deciding which operations and methods to use and why
- Solve problems involving addition, subtraction, multiplication and division, and a combination of these
- Develop their understanding of the meaning of the equals sign

Measurements

- Convert between different units of metric measure
- Understand and use approximate equivalences between metric units and common imperial units
- Continue to estimate and compare different measurements
- Express missing measure questions algebraically

Fractions

- Compare and order fractions whose denominators are all multiples of the same number
- Add and subtract fractions with the same denominator and denominators that are multiples of the same number, including calculations > 1
- Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams
- Solve a variety of problems involving fractions
- Solve problems involving scaling by simple fractions and problems involving simple rates

Time

- Continue to develop understanding of how analogue and digital clocks tell the time
- Continue to practise converting between units of time
- Continue to become fluent in telling the time
- Solve problems involving converting between units of time

Statistics - timetables

- Interpret more complex tables, including timetables
- Complete tables, including timetables
- Solve problems using information in tables, including timetables

Geometry - Properties of 3D shapes

- Identify 3-D shapes, including cubes and other cuboids, from 2-D representations
- Continue to make and classify 3-D shapes, including identifying all of the 2-D shapes that form their surface

Literacy**Narrative**

Based on Treasure Island by Robert Louis Stevenson, the children will be developing their descriptive writing. They will create their own pirate which they bring to life through characterisation skills.

Choral and Performance Poetry

The children will listen to, read and study a range of Choral and Performance poems. We will then write our own poems based on our adventures at the Isle of Wight which we will perform in a variety of ways.

Narrative

The children will revisit the story of Treasure Island by Robert Louis Stevenson and the pirate they created earlier in the term. They will develop and extend their previous characterisation through adding dialogue and action.

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.

Persuasive Letter

The children will learn about the key features of writing a persuasive letter. They will apply this learning when writing a persuasive letter about protecting endangered animals.

<p style="text-align: center;"><u>Computing</u></p> <p>Digital Citizenship Using We are Internet Legends the children look to enhance their knowledge of Digital Safety and the use of social media.</p> <p>Google Skills We will be honing our skills in Google Forms and Google Sheets, which are databases and spreadsheets.</p> <p>Google Sites We will be looking at the production of a website based around Digital safety. We will look at what makes up a website, how to make it easy to navigate and creating interesting content.</p> <p>Typing proficiency To use 'Typing Web' to develop the skill of touch typing effectively.</p>	<p style="text-align: center;"><u>Geography</u></p> <p>Land Formations</p> <ul style="list-style-type: none"> ● Tectonic plates ● Mountain formation ● Mountain ranges ● Land formations from water and ice erosion e.g. Grand Canyon, fjords, U-shaped valleys ● Land formations from coastal erosion ● Volcano formation and significance of the Pacific Rim ● Highlands and peaks of UK ● OS maps - 6 figure grid references and contour lines ● Comparison of the physical and human geographical features of the Alps and the Himalayas 	
<p style="text-align: center;"><u>Science</u></p> <p><u>Living things and their habitats including plant reproduction</u></p> <ul style="list-style-type: none"> ● Compare sexual and asexual reproduction in plants ● Understand the stages in the process of sexual reproduction ● Understand different forms of asexual reproduction in plants including potatoes <p><u>Living things and their habitats</u></p> <ul style="list-style-type: none"> ● Understand the life cycles of insects, birds and amphibians ● Understand the life cycles of mammals ● Compare and contrast the life cycles of different types of mammals ● Understand the work of naturalists including Jane Goodall, Dian Fossey and Birute Galdikas ● Understand the life cycle of humans, including the changes from birth and into old age 		
<p style="text-align: center;"><u>Games and PE/Dance</u></p> <p>Games</p> <p>Track Events</p> <ul style="list-style-type: none"> ● Sprint starts ● Hurdles and 400m ● Relay - change overs ● 1500m/800 - pace judgement. <p>Tennis</p>	<p style="text-align: center;"><u>RE</u></p> <p style="text-align: center;"><u>Buddhism</u></p> <ul style="list-style-type: none"> ● Who was Buddha? ● The 4 Noble Truths ● Eightfold Path ● Mindfulness <p>How is Belief expressed through Art?</p> <p>What do Christians believe God is like?</p>	<p style="text-align: center;"><u>PSHE</u></p> <p><u>Health and wellbeing</u></p> <ul style="list-style-type: none"> ● Physical health and Mental wellbeing ● Growing and changing ● Keeping safe

<ul style="list-style-type: none"> ● Racket Familiarisation ● Rules/Forehand (control) ● Forehand Shot ● Backhand Shot ● Rally/Small Sided Games <p>Cricket</p> <ul style="list-style-type: none"> ● Fielding (close catch) / Bowling ● Fielding (Throw) Batting ● Fielding (high catch) / Batting ● Mini games 	<p style="text-align: center;"><u>Art</u></p> <p>A Sense of Place Children will be studying the style and work of Georgia O'Keefe. They will combine real life and digital photography to help them when sketching to research and design their final piece. They will finally create a relief sculpture on canvas.</p>	<p style="text-align: center;"><u>Design Technology</u></p> <p>Space Buggies The children will use their teamwork skills to design an electrically powered space buggy that moves reliably and quickly across rocky terrain!</p>
<p><u>Dance</u></p> <ul style="list-style-type: none"> ● Freestyle Dance/Macarena ● Cha Cha Slide ● Haka 1 ● Haka 2 <p><u>Indoor Athletics</u> We will be practising a range of field and track events. A variety of Relays, Jumps and Throws will be incorporated into the unit.</p>	<p style="text-align: center;"><u>Music</u></p> <p>Throughout the year the children will be part of a termly rotation that will include;</p> <ul style="list-style-type: none"> ● guitar tuition (Surrey Arts), ● learning how to play the glockenspiels ● using Charanga.com to explore jazz music and voice <p>This term 5B & 5M - using Charanga.com to explore jazz music and voice 5T & 5C - guitar tuition (Surrey Arts), 5F & 5G - learning how to play glockenspiels</p>	<p style="text-align: center;"><u>French</u></p> <ul style="list-style-type: none"> ● Going on holiday ● Activities on holiday ● Immediate future tense ● Opinions of holidays ● Rooms in the house ● Descriptions of rooms ● Activities at home