

Cleves School Curriculum Map
Year 4 – Summer Term
'Invaders and Settlers'

Maths

Decimals

- Solve calculation problems involving two-step addition and subtraction in context, deciding which operations to use and why
- Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate
- Check answers to addition and subtraction calculations by estimating and using inverse operations
- Understand the inverse relationship between addition and subtraction
- Calculation problems involving two-step addition and subtraction in context, deciding which methods to use and why
- Count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten
- Compare numbers with the same number of decimal places up to two decimal places
- 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 $\frac{1}{4}$; $\frac{1}{2}$; $\frac{3}{4}$
- Rounds decimals with one decimal place to the nearest whole number

Measurement - Money

- Solve calculation problems involving two-step addition and subtraction in context, deciding which operations to use and why
- Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate
- Check answers to addition and subtraction calculations by estimating and using inverse operations
- Understand the inverse relationship between addition and subtraction
- Mentally add and subtract pairs of three-digit and four-digit numbers
- Use addition and subtraction facts to 100 and derive related facts up to 1000
- Solve problems involving two-step addition and subtraction in context, deciding which methods to use and why
- Record money using decimal notation
- Convert from larger to smaller units of metric measure
- Estimate and compare different measures, including money
- Calculate with money in pounds and pence
- Solve simple measure and money problems involving fractions and decimals to two decimal places
- Estimate and compare different measures, including money

Time

- Read, write and convert time between analogue and digital 12- and 24-hour clocks
- Convert from larger to smaller units of time
- Read time from analogue and digital 12- and 24-hour clocks
- Write time from analogue and digital 12- and 24-hour clocks
- Continue to solve problems relating to the duration of events

Geometry - Properties of Shapes

- Complete a simple symmetric figure with respect to a specific line of symmetry, and measure angles using a protractor
- Identify lines of symmetry in 2-D shapes presented in different orientations, including where the line of symmetry does not dissect the original shape
- Continue to recognise 3-D shapes, using the correct language
- Compare and classify geometric shapes, including different types of quadrilaterals and triangles, based on their properties and sizes
- Use the vocabulary of the different types of triangle and quadrilateral
- Continue to make and classify 3-D shapes, including by the 2-D shapes that form their surface

Statistics

- Interpret discrete and continuous data using appropriate graphical methods, including time graphs
- Present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs
- Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs
- Begin to solve problems involving information presented in tables

Position and Direction

- Describe positions on a 2-D grid as coordinates in the first quadrant
- Plot specified points and draw sides to complete a given polygon
- Describe movement between positions as translations of a given unit to the left/right and up/down

Literacy

Poetry

The children will explore poetic form, writing adventurous poetry at the start of Summer Term 1.

Narrative

The children will write a narrative based on a Viking invasion.
Following this, the children will explore the tales of Beowulf and write a narrative based on his final battle.

Persuasive Writing

The children will study the use of persuasive language in printed media before writing an advert for an Alex Rider spy gadget.

Poetry

The children will finish Summer Term 2 exploring Saxon riddles and kennings and writing their own.

Computing

Punctuation and Grammar (PaG)

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.

- Internet safety and digital etiquette - How to recognise and send appropriate emails and to recognise unacceptable and acceptable behaviour when communicating with others online
- Photo Editing - How to crop, rotate, edit, layer and resize images
- Networks and the WWW - To understand that the internet is a global network of computers which uses physical infrastructure like cables, routers, and servers. To understand the WWW is a service that runs on the Internet made up of websites and web pages
- Software developing - using Scratch to programme and write more complex algorithms

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 chapters from the book 'Kensuke's Kingdom', by Michael Morpurgo before moving on to looking at independent chapters from a variety of books.

PSHE

Sex and Relationship Education:

- Changes – examining the physical and emotional changes that occur during puberty.
- 'Growing up' – looking at how all things grow and change, reinforcing understanding that everyone is special.

Moving on and new beginnings:

- Physical health and mental well being
- Keeping safe

RE

What is the 'Golden Rule' and why do so many people live by it?

- We share a common need to be treated well in order to live together peacefully.

History

Invaders and Settlers

Study of the Celts, Roman, Anglo-Saxon and Viking invasion and settlement of Britain including;

- How the Roman Empire spread throughout Europe
- Understanding why, when and where they came from.
- The role of Boudicca in resisting Roman rule.
- The Roman's legacy on Britain
- Place names as evidence of patterns of settlement.
- The Anglo Saxon kingdoms
- The role of Alfred the Great in preventing Viking invasions.
- Anglo Saxon and Viking gods and their influence on modern life
- The significance of King Aethelstan

Science

Living things and their habitats

- recognise that living things can be grouped in a variety of ways
- explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment
- recognise that environments can change and that this can sometimes pose dangers to living things.

Healthy Living

- Identify and explore the different food groups
- Understand the difference between natural and refined sugar
- Recognise how much sugar is in our foods

<ul style="list-style-type: none"> ● The 'golden rule' is shared across religions and beliefs and how this impacts on ways of living. <p>Christianity</p> <ul style="list-style-type: none"> ● What is a promise? ● What did God promise his people? ● Can promises be broken? 		
<p style="text-align: center;"><u>Art</u></p> <p>We will be creating our own unique textile artworks using various weaving techniques.</p> <ul style="list-style-type: none"> ● Use weaving and stitching to create different textural effects ● Study, evaluate and discuss the techniques of historic and modern day textile artists 	<p style="text-align: center;"><u>PE and Games</u></p> <p style="text-align: center;">Games</p> <ul style="list-style-type: none"> ● Skills and coordination activities based on the 'Get Set 4 PE' programme. ● Cricket, tennis and rounders <p style="text-align: center;">PE</p> <ul style="list-style-type: none"> ● Dodgeball ● Outdoor track athletics 	<p style="text-align: center;"><u>Design Technology</u></p> <p>We will be linking our D.T. work to Roman food and cooking.</p> <ul style="list-style-type: none"> ● Health and Safety in the kitchen when preparing and cooking ● Comparing Roman food to different food that we eat today ● Researching different types of bread ● Designing our own bread recipe ● Cooking our own bread recipe
<p style="text-align: center;"><u>Music</u></p> <ul style="list-style-type: none"> ● 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. 	<p style="text-align: center;"><u>French</u></p> <ul style="list-style-type: none"> ● Shopping for snacks ● Party activities ● Buying ice creams ● French-speaking countries ● Clothing and colours 	
<p style="text-align: center;"><u>Summer Term dates for your diary</u></p> <p>Hooke Court - Tues 21st April - Friday 24th April</p>		