

Cleves School Curriculum Map
Year 4 – Spring Term 2017
‘Living Together’

Maths

Number and Place Value

- Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, ones)
- Identify, represent and estimate numbers to 10 000 using different representations
- Order and compare numbers beyond 1000
- Solve number and practical problems with number and place value from the Year 4 curriculum, with increasingly large positive numbers

Addition and Subtraction

- Check answers to addition and subtraction calculations by estimating and using inverse operations
- Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate
- Solve calculation problems involving two-step addition and subtraction in context, deciding which operations to use and why
- Solve calculation problems involving two-step addition and subtraction in context, deciding which methods to use and why

Geometry (Properties of shape) Angles

- Identify acute and obtuse angles
- Compare and order angles up to two right angles by size

Multiplication and Division

- Multiply two-digit and three-digit numbers by a one-digit number using formal written layout
- Solve problems involving multiplying and adding, including integer scaling and harder correspondence problems such as n objects are connected to m objects
- Use the distributive law to multiply two digit numbers by one digit

Measurement - Length

- Continue to solve problems involving mixed units of length
- Convert from larger to smaller units of metric measure
- Calculate with different measures

Measurement - Area and Perimeter

- Measure the perimeter of a rectilinear figure
- Find the area of rectilinear shapes by counting squares and relate it to multiplication arrays

Fractions and Decimals

- Count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten
- Solve problems involving harder fractions to calculate and divide quantities, including non-unit fractions where the answer is a whole number
- Compares numbers with the same number of decimal places up to two decimal places
- Recognise and write decimal equivalents of any number of tenths or hundredths and $\frac{1}{4}$; $\frac{1}{2}$; $\frac{3}{4}$
- 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

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

Literacy

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

As the outcome of their Roman enquiry based learning project; the children will write an information page about their chosen area of research. This will then form part of a class textbook.

Poetry

Exploring form - linked to Anglo Saxons Kennings and Riddles.

Narrative

The children will be writing a 'Roman' story by applying the skills and inspiration gained during their workshop with Caroline Lawrence, author of The Roman Mysteries series of historical novels for children.

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

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

Computing

We are network engineers - investigating how the Internet works.
Lego - Coding.
Typing skills.
Digital Citizenship.
Progression through Google Drive Booklets.
Using Microsoft Windows/Office software.

Science

Forces

- Understanding what forces are and how they are measured.
- Looking at different kinds of forces.

Electricity

Investigating simple circuits:

- Constructing circuits.
- How to represent circuits in drawings.

PSHE/Philosophy

Cleves Outstanding Learners

- Team Workers
- Independent Enquirers
- Effective Participants
- Creative thinkers
- Independent Enquirers
- Reflective Learners

Philosophy linked to refugees (history) and RE

RE

Who brought Christianity to Britain?

- Beliefs before Christianity.
- How Christianity spread throughout Britain.
- Early British Saints.
- The invasion of Lindesfarne

Easter

- How Christians prepare for Easter
- Hindu stories and values

History

Invaders and Settlers

- Study of the Roman, Anglo-Saxon and Viking invasion and settlement of Britain.
- Understanding why, when and where they came from.
- The role of Boudicca in resisting Roman rule.
- The children will extend their learning about the Romans through an enquiry based project.
- Roman legacies.
- Questioning artefacts – Sutton Hoo (Anglo Saxons)
- Place names as evidence of patterns of settlement.

We will be having an Invaders and Settlers Arts and Craft day on Thursday 9th February 2017.

Geography

- Settlements linked to Anglo Saxons.

Examining maps to see the effect of invasion on place names.

<p style="text-align: center;"><u>Art</u></p> <p>We will be creating a whole class wall installation combining natural objects and the skills linked to (Roman) weaving.</p> <ul style="list-style-type: none"> ● Increase confidence to use drawings as a means to record and develop ideas. ● Experiment with mark making using pen as a media. ● Record from first hand observations. ● Collect visual information using a sketchbook. ● Use weaving and stitching to create different textural effects 	<p style="text-align: center;"><u>PE and Games</u></p> <p>Games</p> <ul style="list-style-type: none"> ● Various ball skills related to the following invasion games: Invasion Games ● Revision and extension of basic skills used in football, rugby and hockey ● Attacking and defending strategies ● Net and Wall games ● Revision of basic skills used in netball. <p>PE</p> <ul style="list-style-type: none"> ● Badminton - skills and practice. ● Gymnastics - travelling and moving. 	<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"> - Comparing roman food to different food that we eat today. - Designing a roman menu. - Researching and tasting 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"> ● Some of the classes will begin to learn how to play the ukulele (the other classes will learn in the summer term) ● Copying rhythms and a short melody ● Playing ostinati and layering them in a performance ● Using music to communicate a meaning ● Composing a rap ● Playing ostinati and layering them in a performance 	<p style="text-align: center;"><u>French</u></p> <ul style="list-style-type: none"> ● Festivals and dates ● Presents ● Numbers to 60 ● Giving orders ● Visiting French cities ● Directions ● Weather ● Easter traditions 	
<p style="text-align: center;"><u>Dates for your diary</u></p> <p>31 January 2017 - Y4 visit to the Science Museum.</p> <p>9 February 2017 - Y4 Invaders & Settlers Arts and Crafts Day.</p> <p>11 February - 19 February 2017 - HALF TERM.</p> <p>1 March 2017 - Caroline Lawrence visit.</p> <p>20 March 2017 - School Photographs.</p> <p>24 March 2017 - Parent Pupil Meeting Day.</p> <p>27 March 2017 - Y4 Residential Info Meeting.</p> <p>31 March 2017 - TERM ENDS 1.45pm.</p>		