**Cleves School Curriculum Map**
**Year 4 – Spring Term 2016**
**'Living Together'**

## Maths

**Number and Place Value**
- Read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of zero and place value
- Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, ones)
- Order and compare numbers beyond 1000
- Use factor pairs in mental calculations

**Addition and Subtraction**
- Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate
- Understand the inverse relationship between 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

**Multiplication and Division**
- Count in multiples of 6, 7, 9 and 25
- Use the distributive law to multiply two digit numbers by one digit
- 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
- Multiply two-digit and three-digit numbers by a one-digit number using formal written layout

**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
- Compare 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 1/4; 1/2; ¾
- Divide one- or two-digit numbers by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths

**Measure (mass, time, length)**
● Convert from larger to smaller units of metric measure
● Estimate and compare different measures, including money

**Properties of Shape**
● Identify acute and obtuse angles
● Compare and order angles up to two right angles by size

**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

### Non Chronological Report
Based on our topic of Invaders and Settlers, the children will write an information text about the Celts, Romans, Anglo Saxons, Vikings and ending with the Battle of Hastings.

### Play-scripts
The children will be creating their own play-script based on a narrative by Anthony Browne

### Narrative
Based on *The Tunnel* by Anthony Browne, the children will be writing Jack's untold story.

### Poetry
Exploring form - linked to Anglo Saxons Kennings and Riddles.

### 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 | Science |
|---|---|
| We are network engineers - investigating how the Internet works.<br>Lego - Coding.<br>Typing skills.<br>Digital Citizenship.<br>Progression through Google Drive Booklets.<br>Using Microsoft Windows/Office software. | **Electricity**<br>Investigating simple circuits:<br>● Constructing circuits.<br>● How to represent circuits in drawings.<br><br>**States of Matter**<br>Looking at the water cycle:<br>● investigation of evaporation and condensation. |

| PSHE/Philosophy | History | Geography |
|---|---|---|
| · **Cleves Outstanding Learners**<br>● Team Workers<br>● Independent Enquirers<br>● Effective Participants<br>● Creative thinkers<br>● Independent Enquirers<br>● Reflective Learners<br><br>**Philosophy** linked to refugees (history) and RE<br><br>**RE**<br><br>**Who brought Christianity to Britain?**<br>● Beliefs before Christianity.<br>● How Christianity spread throughout Britain.<br>● Early British Saints.<br>● The invasion of Lindesfarne<br><br>**Easter**<br>● How Christians prepare for Easter<br>● Hindu stories and values | **Invaders and Settlers**<br>● Study of the Roman, Anglo-Saxon and Viking invasion and settlement of Britain.<br>● Understanding why, when and where they came from.<br>● The role of Boudicca in resisting Roman rule.<br>● Roman legacies.<br>● Questioning artefacts – Sutton Hoo (Anglo Saxons)<br>● Place names as evidence of patterns of settlement.<br>● The children will learn about the Vikings through an enquiry based project.<br>We will be having a new 'Roman Day' on Friday 12th February 2016.<br>The children will learn how to make Roman mosaics and jewellery. They will learn to weave (linked to art), make oil lamps and Roman food (linked to DT). | ● Settlements linked to Anglo Saxons.<br><br>Examining maps to see the effect of invasion on place names. |

## Art

**We will be creating a whole class wall installation combining natural objects and the skills linked to (Roman) weaving.**

- 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

## PE and Games

**Games**
- 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.

**PE**
- Badminton - skills and practice.
- Gymnastics - travelling and moving.

## Design Technology

We will be linking our D.T. work to Roman food and cooking.
- 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.

## Music

- 4N & 4C - Learning to play the ukulele

- 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

## French

- Festivals and dates
- Presents
- Numbers to 60
- Giving orders
- Visiting French cities
- Directions
- Weather
- Easter traditions

## Dates for your diary

- 19th Jan 2016 - SEND meeting
- 12th Feb 2016 - Roman Arts Day
- 29th Feb & 1st March - Anglo Saxon/ Viking workshop
- 16th March - Residential Information Meeting
- 18th March - Parent Pupil Progress Meetings
- 21st March - School Photographer

- 24th March - End of term