

Subject	What we will learn this half term	
<b>English</b>	<p>The children will continue to develop their skills in reading comprehension and writing composition through the Literacy and Language program. Our key genre this half term is <i>Dilemma Stories</i> and we will study the text 'Lost or Stolen?' by Narinder Dhani.</p> <p>In our spelling, punctuation and grammar lessons this half term we will focus on the use of inverted commas, adverbial phrases, verb forms, punctuation for parenthesis, subordinate clauses and modal verbs.</p> <p>A list of spellings will be sent home each Friday and a test will take place the following Friday.</p> <p>Our class text this half term is <i>The Midnight Gang</i> by David Walliams.</p>	
<b>Maths</b>	<p>Year 4 will learn to:</p> <ul style="list-style-type: none"> <li>• Recognise and show, using diagrams, families of common equivalent fractions.</li> <li>• Recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements <math>&gt;1</math> as a mixed number</li> <li>• Count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten.</li> <li>• Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number.</li> <li>• Add and subtract fractions with the same denominator.</li> <li>• Recognise and write decimal equivalents of any number of tenths or hundredths.</li> <li>• Compare numbers with the same number of decimal places up to two decimal places.</li> </ul>	<p>Year 5 will learn to:</p> <ul style="list-style-type: none"> <li>• Compare and order fractions whose denominators are multiples of the same number.</li> <li>• Identify, name and write equivalent fractions of a given fraction, represented visually including tenths and hundredths.</li> <li>• Solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates.</li> <li>• Add and subtract fractions with the same denominator and denominators that are multiples of the same number.</li> <li>• Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams.</li> <li>• Read and write decimal numbers as fractions</li> <li>• Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents.</li> <li>• Read, write, order and compare numbers with up to three decimal places.</li> </ul>
<b>Science</b>	<p>Year 4 will study the topic 'Electricity'. Pupils will learn to;</p> <ul style="list-style-type: none"> <li>• identify common appliances that run on electricity</li> <li>• construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers</li> <li>• identify whether or not a lamp will light in a simple series circuit, based on whether or not the lamp is part of a complete loop with a battery</li> <li>• recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit</li> </ul>	<p>Year 5 will study the topic 'States of Matter'. Pupils will learn to;</p> <ul style="list-style-type: none"> <li>• compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets</li> <li>• know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution</li> <li>• use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating</li> <li>• give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic</li> <li>• demonstrate that dissolving, mixing and changes of state are reversible changes</li> </ul>

	<ul style="list-style-type: none"> <li>recognise some common conductors and insulators, and associate metals with being good conductors.</li> </ul>	<ul style="list-style-type: none"> <li>explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda.</li> </ul>
<b>Topic</b>	<p>Each half term will have either geography or history as a main topic focus. This half term our focus will be on history with the topic '<b>Crime and Punishment</b>'.</p> <p>The children will:</p> <ul style="list-style-type: none"> <li>continue to develop a chronologically secure knowledge and understanding of British history, studying a theme that extends pupils' chronological knowledge beyond 1066, such as changes in an aspect of social history by learning about the legacy of Roman crime and punishment on the current legal system in Britain.</li> <li>be able to address historically valid questions about change, cause, similarity and difference and significance by learning about the Anglo-Saxon legal system and how it is similar and different to both the Roman system and the modern legal system in Britain.</li> <li>understand how our knowledge of the past is constructed from a range of sources and that different versions of past events may exist, giving some reasons for this by finding out about Dick Turpin through studying various historical sources from the 18th and 19th century.</li> <li>note connections, contrasts and trends over time and develop the appropriate use of historical terms by bringing together and evaluating knowledge gained of the history of crime and punishment in Britain since the Roman period and comparing this with modern-day Britain.</li> </ul>	
<b>Art &amp; D&amp;T</b>	This half term our focus will be on art and we will be studying the work of some British artists. We will also continue working towards our Arts Award and as part of this we will visit our local art gallery.	
<b>PE</b>	Mrs Burroughs will take Ford Class for PE on Tuesday afternoons. This half term the children will be looking at hockey. Ford class will also have PE on Wednesday afternoons.	
<b>Music</b>	We will continue our violin lessons and will continue to undertake the Arts Award.	
<b>French</b>	This half term we will focus on talking about and describing our family in French.	
<b>Computing</b>	Pupils will have computing on Tuesdays with Mrs Bowron.	
<b>RE</b>	We we will continue to use a theme to explore, compare and contrast the beliefs of different religions. The theme this half term will be 'Pilgrimages'.	
<b>PSHE</b>	In PSHE children we will use our topic as a stimulus for learning about fundamental British values such as democracy and the rule of law.	

### Additional Information

- Homework goes home on Fridays. Children should return homework folders to school on Thursdays. A copy of our Homework Policy is on the school website <http://www.hipsburn.northumberland.sch.uk/website>
- Pupils will need their outdoor PE kit **every** Tuesday and Wednesday.
- Spellings and times table tests are on Fridays. A full overview of this half term's spellings can be accessed through the Ford Castle class page on the school website.

**Thank you for your on-going support!**  
**Miss Jones**

### Useful links

<http://www.bbc.co.uk/bitesize/ks2/maths/>  
<http://www.topmarks.co.uk/maths-games/7-11-years/times-tables>  
 National Curriculum: <http://www.educationengland.org.uk/documents/pdfs/2013-nc-framework.pdf>