



# Class 3 Topic Letter

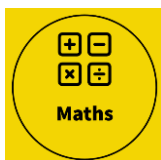
## Autumn Term 1 2023

Class Teacher – Mr Charlton

Supported by Mrs Chisholm & Mrs Lewis.



**Whittingham**  
C of E PRIMARY SCHOOL



### Place value

- Numbers up to 10 million
- Rounding
- Multiplying & dividing by 10, 100 & 1000
- Negative numbers
- Roman numerals

### Four operations

- Addition with numbers of 4 or more digits
- Subtraction with numbers of 4 or more digits
- Short multiplication
- Long multiplication (formal long multiplication and 'lattice method')
- Factors
- Multiples
- Prime numbers
- Square numbers
- Cube numbers
- BODMAS
- Inverse operations
- Short division
- Long division

Please note: **ALL** children **MUST** know their times tables up to 12 times 12, and be able to recall quickly. TTRS should be used to develop speed and fluency as part of weekly homework.

### Key vocabulary:

Place value, rounding, numerals, inverse, partition, equivalent, multiple, factor, prime number, operations, divisible, exchange.



In this half-term, we begin by reviewing and practising several aspects of SPaG (spelling, punctuation and grammar). This will ensure that we begin the year with a sound understanding of some of the fundamental areas of writing for Years 5 and 6.

Next, we will then study our first genre of writing for this year which will be play-scripts. For this, we will look at several examples, including some classics such as Shakespeare's *Romeo & Juliet* as well as more contemporary examples such as *Harry Potter And The Cursed Child*. We will also write a section of playscript ourselves, using the features that we've studied and practised.

Our second genre of writing will be setting descriptions. We will look at various examples taken from famous books, such as Roald Dahl's stories as well as books such as JRR Tolkien's *The Hobbit*. From these examples, we will develop our use and range of descriptive language and sentence structures.

Our class book for this half-term will be the classic fiction titan, *The Hobbit*. We will use this not only as our class story but also within our guiding reading sessions. We will continue to develop our reading comprehension skills through our guided reading sessions and use of Accelerated Reader, as well as increasing understanding of written grammar through writing analysis.

Please hear your child read daily and write a message/ sign/ initial your child's Reading Record book.

The children will be expected to learn, use and spell correctly all of the spellings from the Years 3,4,5, and 6 spelling lists.

[https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment\\_data/file/239784/English\\_Appendix\\_1\\_-\\_Spelling.pdf](https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/239784/English_Appendix_1_-_Spelling.pdf)

This will be tested weekly throughout the half-term and children are expected to spell these words correctly in their everyday work.

### Key vocabulary:

Word class, proper noun, common noun, collective noun, abstract noun, adjective, verb, adverb, determiner, preposition, fronted adverbial, subordinate clause, simile, metaphor, personification, descriptive, emphasis, exaggeration and emotive, formal & informal language.



During this half-term, we will be studying natural disasters This will include:

- Earthquakes
- Tsunamis
- Volcanoes

- Flooding
- Wild fires
- Tornadoes/ hurricanes

### Key vocabulary:

Tectonic plates, mantle, core, magma, epicentre, Richter scale, vibration, chamber, pumice, water-table, drought,



In Science / STEM, we will be studying the topic of 'Animals including humans' where we will cover:








- Human life cycle and stages of development
- The human circulatory system
- The human digestive system
- The effects of exercise
- The effects of a balanced diet
- Medical conditions that can affect the human body (e.g. diabetes, allergies.)

We will also be creating our own investigations and creating thorough scientific reports.

### Key vocabulary:

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<p>ignite, fire-breaks, categories, evacuation, prevention, protection.</p>	<p>Reproduce, organism, growth, development, blood vessels, arteries, veins, capillaries, atrium, ventricle, oxygenated/ deoxygenated, gas exchange, filtration, enzymes, secretion, excretion, oesophagus, pancreas, digestion, diabetes, insulin.</p>
<div data-bbox="108 389 248 533">  </div> <p>Children will be taking part in daily exercise each morning through our 'daily mile'. Key taught sessions during this half-term will include football and hockey.</p> <p><u>Key vocabulary:</u> Stretch, muscles, ligaments, tendons, corner, the box, off-side, throw-in, substitute, short-corner, 'the D', stick-pass/ shot, slap-pass/ shot, back-stick, stick-tackle, sportsmanship, respect, tenacity, teamwork, communicating, anticipation.</p>	<div data-bbox="756 389 896 533">  </div> <p>We will be focusing on the musical style of rock music. This will include:</p> <ul style="list-style-type: none"> <li>- The features of rock music</li> <li>- The history/ evolution of rock music</li> <li>- Singing</li> <li>- Rock music structures</li> <li>- Composing</li> <li>- Improvising</li> <li>- Performing</li> </ul> <p><u>Key vocabulary:</u> Rhythm, beat, pulse, dynamics, pitch, timbre, texture, tempo, duration, projection, tone, back-beat, 4/4 time, distortion, characterisation.</p>
<div data-bbox="108 855 248 999">  </div> <p>We use the Northumberland County Council Agreed Syllabus for Religious Education and will be looking at incarnation.</p>	<div data-bbox="756 855 896 999">  </div> <p><b>In our PSHCE/ RHE work</b> we will be focusing on healthy life-styles, including a balanced diet and exercise. We will also look at friendships, bullying and discrimination and how to spot and prevent it.</p>
<div data-bbox="108 1052 248 1196">  </div> <p>During this half-term, we will be looking at E-safety as well as communication. The aspects of communication will cover:</p> <ul style="list-style-type: none"> <li>- Search engines (how they function and how ranking of sites works)</li> <li>- Different methods of communication</li> <li>- Forms of internet-based communication.</li> </ul> <p><u>Key vocabulary:</u> Safety settings, acceptable use, electronic devices, respect, responsibility, trusted sites, reporting, search engines, search-bar, ranking, popularity.</p>	<div data-bbox="756 1052 896 1196">  </div> <p>We will be looking at how we read, write and speak certain French words and phrases to then be able to have sections of dialogue in French . This will include:</p> <ul style="list-style-type: none"> <li>- Greetings</li> <li>- French phonics</li> <li>- Classroom routines</li> <li>- Days in French</li> <li>- Months in French</li> <li>- Numbers 1-100</li> </ul>
<p><b>Forest School</b> We are following the FSC programme for our sessions.</p> <div data-bbox="108 1541 248 1684">  </div> <p><b>Art/DT</b> – We will be looking at developing our skills in sketching and painting. This will include:</p> <ul style="list-style-type: none"> <li>- Use of perspective when drawing earthquake scenes</li> <li>- Paint brush techniques including dual-loading colours</li> <li>- Using a craft knife with paint</li> <li>- Blending</li> </ul> <p><u>Key vocabulary:</u> Sketch, outline, shading, hatching, cross-hatching, stippling, light source, depth, texture, proportions, blending, spreading, loading, direction, contrast.</p>	<p><b>REMINDERS:</b> <b>Homework</b> will be weekly, comprised of:</p> <ul style="list-style-type: none"> <li>-spellings and times-tables will be given on a Friday, ready for a mini test on the following Friday,</li> <li>-Accelerated Reader (an average of at least 5 times per week – please remember to sign your child's reading record book periodically),</li> <li>-a maths task linked to the recent learning/ revision (CGP books),</li> <li>-an English task that is linked to recent learning/ revision.</li> </ul> <p>As ever, myself and everyone at school are here to support. If there are ever any concerns, queries or things to celebrate, just let us know either in person, via our Class Dojo or the school office.</p> <p>In our classroom, we have a 'Wow wall' where I display achievements of the children. If your child would like to share an achievement (this could be as a certificate, rosette or photo) then please feel free to message me on Class Dojo or email.</p> <p>(Please note that I will monitor and respond to Class Dojo message between the hours of 08:30-17:30. It is absolutely fine to message me outside of these times but you won't necessarily get a response until I'm within working hours of the day again).</p>