



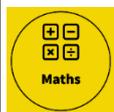
# Class 3 Topic Letter Autumn Term 2 2023



**Whittingham**  
C of E PRIMARY SCHOOL

Class Teacher – Mr Charlton

Supported by Mrs Lewis & Mrs Chisholm.



## Arithmetic (revision)

- The four operations (addition, subtraction, multiplication & division)
- Percentages
- Decimals
- Identifying & comparing fractions
- Calculating with fractions.

## The 4 computation methods (addition, subtraction, multiplication & division)

- Factors
- Multiples
- Column addition
- Column subtraction
- Short multiplication
- 'Long multiplication/ 'Lattice method'
- 'Bus shelter' approach to division
- Multiplying & dividing by 10, 100 & 1000
- Squared and cubed numbers

## Fractions

- Identifying and understanding fractions
- Equivalent fractions
- Comparing fractions
- Ordering fractions
- Converting improper and mixed number fractions
- Adding & subtracting fractions
- Multiplying fractions
- Dividing fractions
- Problem-solving with fractions

Please note: **ALL** children **MUST** know their times tables up to 12 times 12, and be able to recall quickly. School 360 Times Table Blast and Sumdog plus KS2 SATS Blaster (for Year 6 pupils) are all useful and should be used to develop speed and fluency.

### Key vocabulary:

Ratio, proportion, place value, digit, minus, positive, inverse, equivalent, numerator, denominator, improper fraction, proper fraction, mixed number fraction, convert.



Our author of interest this half-term is Michael Morpurgo as many of his books link to our topic for this half term: WW2. Our class book, however, will be *Goodnight Mister Tom* by Michelle Magorian as this will be used within much of our English work and guided reading sessions.

Throughout all units of writing where we study and develop our skill in writing, we will constantly be addressing and strengthening our knowledge and use of SPaG features. Homework will be set to strengthen this further each week during this half-term.

Our first genre of writing that we will study and create will be character descriptions. We will use characters from a range of books, including *Goodnight Mister Tom* as a basis for this, both to study how a professional author constructs an effective character description as well as analyse the features, such as figurative language, to develop these skills and create our own.

Our next genre of writing will be to study persuasive adverts. This will include looking at adverts from the time of WW2 as well as modern-day examples, focussing on features, such as emotive language and using a range of punctuation to vary our sentences for effect.

Our final genre of writing for this half-term will be a newspaper article. We will again start by looking at real-life examples and analysing these before practising the identified writing features of a newspaper, such as parenthesis, quotes and being able to write succinctly whilst in formal voice.

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.

### Key vocabulary:

Word class, colon, semi-colon, parenthesis, fronted adverbial, relative clause, relative pronoun, subordinate clause, simile, metaphor, personification, inverted commas, facts, statistics, opinion, descriptive, simile, metaphor, personification, emphasis, exaggeration and emotive, formal & informal language, headline, sub-headline, opening paragraph, quotes, persuasive language.



Children will be taking part in daily exercise each morning through our 'daily mile'.

Key taught sessions will include multi-sports where we will look at fitness and various exercises in preparation for an inter-school

competition.

Key skills will include: agility, balance, strength and coordination.

### Key vocabulary:

Stretch, muscles, ligaments, tendons, passing, catching, control, jumping, sprinting, throwing, sportsmanship, respect, tenacity, teamwork, communicating, marking & anticipation.



**Music** – We will be focusing on the skills and knowledge of musical vocabulary and performance techniques during this half-term as we will be preparing for our KS2 Christmas production (details of this to follow soon).

### Key vocabulary:

Rhythm, beat, pulse, dynamics, pitch, timbre, texture, tempo, duration, projection, emotion, accent and staccato.

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During this half-term, we will be exploring the events and details of World War 2. This will include:

- Identifying the countries and regions that were affected by the war.
- Creating a timeline of the main events of WW2.
- Identify and give a brief summary of the main leaders of the countries involved in WW2.
- The evacuation at Dunkirk
- The Blitz
- The Battle of Britain
- Rationing
- Life for children during WW2
- The D-Day landings
- VE-Day
- VJ-Day

**Key vocabulary:**

Invasion, uprising, propaganda, war/ world war, Allies, Axis, The Nazi Party, Winston Churchill, Adolf Hitler, Blitzkrieg, holocaust, The Blitz, rationing, shelters, air raids, evacuee, trenches.



In Science / STEM, we will firstly be finishing off the topic of 'Animals Including Humans' where we will cover:

- What organs are involved in the human digestion system?
- Why is exercise important?
- Why should we have a balanced diet?
- Why is having good hygiene important?

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

**Key vocabulary:**

Stomach, intestines, liver, oesophagus, enzymes, colon, muscles, carbohydrates, protein, vitamins, minerals, fats, dairy, drugs,

We will then be moving onto our new topic of light where we will study:

- How does light move?
- How do we see objects?
- How do shadows form and why can they change shape and size?
- What happens when light is reflected or refracted?

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

**Key vocabulary:**

Light, travels, straight, beam, reflect, reflection, light source, object, shadow, mirror, periscope, rainbow, filter, spectrum, transparent, translucent, opaque.



In RE, we use the Northumberland County Council Agreed Syllabus for Religious Education and will be looking at non-religious worldwide views. This will include looking at how various religions worship and their views on the world, both in terms of its creation and how we should lead our lives.



In our PSHE /RHE work, we will be celebrating and studying UK Parliament as well as British Values and celebrating both Inter Faith week and Anti-bullying Week. This is part of our work on exploring our own personal identity and what contributes to who we are. It also links to living in the wider world and how they have a developing place in it.



During this half-term, we will also be studying and expanding our knowledge on the expectations of using devices and online programmes safely, ensuring that we act as good 'Digital Citizens'. In addition to this, we will begin to look at vector drawing. In this unit, learners will find out that vector images are made up of shapes. They will learn:

- how to use the different drawing tools,
- how images are created in layers,
- to explore the ways in which images can be grouped and duplicated to support them in creating more complex pieces of work,
- use the Google Drawings app and other alternative pieces of software to create images.

**Key vocabulary:**

Safety settings, acceptable use, electronic devices, respect, responsibility, trusted sites, reporting, trusted adult, input, output, variable, vector,



**French**

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:

- Colours
- A range of french verbs
- Saying what we can & can't do
- Forming complex sentences using conjunctions.

**Key vocabulary:**

Les couleurs, peux, faire, jouer, je m'appelle, ca va, bien, mal, j'aime, j'adore, je n'aime pas, je deteste, et, mais.

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Our focus for this half-term will be DT, where we will create items that link to our chosen class charity WWF (World Wildlife Fund) as well as crafts for Christmas.

How do we design, create, test and improve items that promote biodiversity?

Key vocabulary:

Sewing, stitch, needle, thread, thimble, construct, design, evaluate, prototype, brief, manufacture, adhesive, joints, materials, sustainable, expenditure, profit.

**REMINDERS:**

**Homework** will be weekly, comprised of:

- spellings and times-tables will be given on a Friday, ready for a mini test on the following Friday,
- Accelerated Reader (an average of at least 5 times per week – please remember to sign your child's reading record book periodically),
- a maths task linked to the recent learning/ revision (CGP books),
- a spelling/ English task that is linked to recent learning/ revision.

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.

(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).