



Year 5 Teaching and Learning Newsletter

Messages:

The new school year has begun with a bump in the road, however this has not stopped the children in Class 12 from completing their learning. Thank you for all the fantastic work that has been submitted online. We are looking forward to a wonderful year in Class 12 and all the opportunities we are presented with.

Peek at our Half Term...

Maths

What we already know

Round any number to the nearest 10, 100 or 1,000

Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate

Recall multiplication and division facts for multiplication tables up to 12×12

Recognise and show, using diagrams, families of common equivalent fractions

Convert between different units of measure [for example, kilometre to metre; hour to minute]

Identify acute and obtuse angles and compare and order angles up to 2 right angles by size

Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs

What we are going to learn

Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero

Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction)

Know and use the vocabulary of prime numbers, prime factors and composite (nonprime) numbers

Compare and order fractions whose denominators are all multiples of the same number

identify:

- Angles at a point and one whole turn (total 360°)
- angles at a point on a straight line (total 180°)
- other multiples of 90°

Identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the shape has not changed.

Solve comparison, sum and difference problems using information presented in a line graph

Activities you can do at home

Complete your Purple Mash homework weekly

When you are at the supermarket you could try working out the change you are going to get. You could even try and work out how much you have spent before you get to the till.

Keep practising your times tables on TT Rockstars.



Reading

What we already know

Continuing to read and discuss an increasingly wide range of fiction, poetry, plays, non-fiction and reference books or textbooks

What we are going to learn

- 2g - identifying how language, structure and presentation contribute to meaning
- 2d - drawing inferences such as inferring characters' feelings, thoughts and motives from their actions, and justifying inferences with evidence
- 2e - predicting what might happen from details stated and implied
- 2c - summarising the main ideas drawn from more than one paragraph, identifying key details that support the main ideas
- 2g - discuss and evaluate how authors use language, including figurative language, considering the impact on the reader
- 2h - identifying and discussing themes and conventions in and across a wide range of writing

Activities you can do at home

- Complete your Myon homework weekly
- Read the weekly news reports on Myon
- Read with an adult regularly throughout the week

Writing

What we already know

- Word Class- Noun, verbs, adjectives, prepositions, conjunctions
- Punctuation: Apostrophe contractions/ possession
- Noun/Noun phrases
- Verbs/Adverbs/Imperative verbs
- Tenses
- Clauses
- Subordinate clauses

What we are going to learn

- Word Class- Noun, verbs, adjectives, prepositions, conjunctions
- Punctuation: inverted commas, brackets for parenthesis
- Noun/embedded expanded Noun Phrases
- Verbs/Adverbs/Modal verbs
- Passive voice/Active voice
- Word Class- Noun, verbs, adjectives, prepositions, conjunctions
- Adverbial phrases/Fronted adverbs

Activities you can do at home

- Complete your writing homework weekly
- Practise your spellings that have been set each week

Science – Forces

What we already know

- Compare how things move on different surfaces
- Notice that some forces need contact between two objects, but magnetic forces can act at a distance

What we are going to learn

- Look at a range of different forces: gravity, air resistance, water resistance & friction.
- Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object

Activities you can do at home

- Can you create a working parachute that can be used by a Lego Mini Figure?
- Think about forces all around us, in our everyday life.



<p>Observe how magnets attract or repel each other and attract some materials and not others</p>	<p>Identify the effects of air resistance, water resistance and friction, that act between moving surfaces</p> <p>Recognise that some mechanisms including levers, pulleys and gears allow a smaller force to have a greater effect.</p>	
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Topic – Tudors

<u>What we already know</u>	<u>What we are going to learn</u>	<u>Activities you can do at home</u>
<p>To gain and deploy a historically grounded understanding of abstract terms such as ‘empire’, ‘civilisation’, ‘parliament’ and ‘peasantry’</p>	<p>To know and understand the history of these islands as a coherent, chronological narrative, from the earliest times to the present day: how people’s lives have shaped this nation and how Britain has influenced and been influenced by the wider world.</p> <p>To describe a study of an aspect or theme in British history that extends his/her chronological knowledge beyond 1066</p>	<p>Can you make a Tudor model?</p> <p>This could include a model of a Tudor home or a mask of Henry VIII</p>

Computing – Stop Go Animation

<u>What we already know</u>	<u>What we are going to learn</u>	<u>Activities you can do at home</u>
<p>Film Making</p> <p>Evaluate learning and trailer.</p> <p>Plan an iMovie trailer.</p> <p>Record material.</p> <p>Set up and prepare a trailer</p> <p>Record material</p> <p>Set up and prepare a trailer</p> <p>Edit and act on feedback</p> <p>Evaluate learning and trailer</p>	<p>Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information</p>	<p>Can you watch one of the Wallace and Gromit films? The way this film is made is the same techniques that we are going to use in our computing lessons.</p>

Handwriting

<u>What we already know</u>	<u>What we are going to learn</u>	<u>Activities you can do at home</u>
<p>End-low diagonal joins: words starting with ‘a’, words containing ‘u’ and ‘i’</p> <p>End low drop on joins ‘ace’, ‘qua’, ‘af’</p>	<p>End-low diagonal joins: words starting with ‘a’, words containing ‘u’ and ‘i’</p> <p>End low drop on joins ‘ace’, ‘qua’, ‘af’</p> <p>End high horizontal joins ‘wm’ ‘vi’, ‘rm’</p> <p>End high diagonal joins ‘ob’, ‘rh’, ‘wl’</p> <p>End high drop on joins ‘oc’, ‘rd’, ‘va’</p> <p>End high to ‘e’, ‘ve’ ‘re’ ‘oe’</p> <p>Tricky joins ‘ss’ ‘ff’, joins to/from ‘x’</p>	<p>Practise your handwriting regularly</p>



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Tricky joins 'ss' 'ff', joins to/from
'x'

Reminders:

This half term our PE lessons will be taking part in the classroom. All of our home learning will be set on a Wednesday. This will be put on our class page on the website so you are aware of when it needs to be handed in. Please read with your children at home as well as go on Myon, Accelerated Reader and TT Rockstars.

We are looking forward to this term. Remember, if you wish to speak to your child's class teacher, please ring the office to book an appointment.

Thank you

Mr Bottomley