

## Welcome back and Happy New Year!

We had a great start to Year 6 in the Autumn Term; the children worked really hard and enjoyed learning about World War II. Hopefully you have all had a great Christmas / winter break and are ready for the Spring Term. Mrs Phipps will continue to support the class and Mrs Verge will be teaching Year 6 on Tuesday mornings this term. We have got some exciting new topics coming up, which are outlined below.

## Year 6 Spring

### Charles Darwin & The Voyage of HMS Beagle

#### Maths

##### Algebra

- Express missing number problems algebraically.
- Use simple formulae.
- Find pairs of numbers that satisfy an equation with two unknowns.
- Enumerate possibilities of combinations of two variables.
- Generate and describe linear number sequences.
- Find and use equivalent expressions.

##### Ratio

- Solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts.
- Solve problems involving the calculation of percentages and the use of percentages for comparison.
- Solve problems involving similar shapes where the scale factor is known or can be found.
- Solve problems involving unequal sharing and grouping using knowledge of fractions and multiples.

##### Area, Perimeter & Volume

- Recognise that shapes with the same areas can have different perimeters and vice versa.
- Calculate the area of parallelograms and triangles.
- Calculate, estimate and compare volume of cubes and cuboids using standard units, including cubic centimetres (cm<sup>3</sup>) and cubic metres (m<sup>3</sup>), and extending to other units.

##### Decimals & Percentages

- Identify the value of each digit in numbers given to three decimal places and multiply and divide numbers by 10, 100 and 1000 giving answers up to three decimal places.
- Multiply one-digit numbers with up to two decimal places by whole numbers.
- Use written division methods in cases where the answer has up to two decimal places.
- Solve problems which require answers to be rounded to specified degrees of accuracy.
- Recall and use equivalences between simple fractions, decimals and percentages, including in different contexts.

##### Statistics

- Interpret and construct pie charts and line graphs and use these to solve problems.
- Calculate and interpret the mean as an average.

##### Measurement

- Convert between miles and kilometres.
- Understand and use imperial measures.

#### English

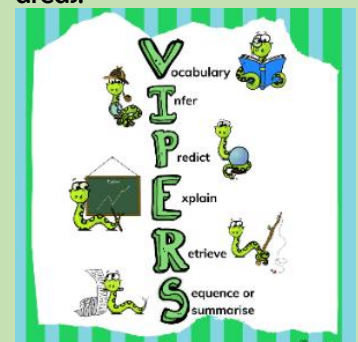
We will be reading some books linked to our History and Geography topics and linking our writing to these. We will be writing in lots of different genres, including:

- Biography
- Monologue
- Information texts
- Letters
- Non-chronological reports
- Stories
- Setting description

We will also be learning some new areas of grammar and punctuation, as well as recapping some previous teaching.

- Semi-colons
- Dashes
- Impersonal voice
- Punctuating speech
- Using speech to advance action
- Passive voice
- Pronouns
- Determiners
- Modal verbs
- Subjunctive form
- Extending sentences

In reading, we will be working on key reading skills by focusing on the following areas:



**History & Geography**

- Charles Darwin's Voyage of the Beagle
- Rainforests

**Science**

- Evolution & Inheritance
- Living Things and their Habitats

**PE**

- Gym
- Basketball

**Design & Technology**

- Cams
- Electrical switches

**Art**

- Clay
- Pastels

**PSHE**

- Economic wellbeing
- Identity

**Music**

- At the movies
- World unite

**Computing**

- Games programming
- Spreadsheets

**RE**

- What difference does it make to believe in ahimsa, grace or Ummah?
- What matters most to Christians and Humanists?

**Forest School**

On Thursdays this term, Year 6 will be going to Forest School with Mrs Verge and Mrs Spokes.

**Group 1** should come to school in their Forest School clothes but they will need to come in wearing shoes suitable for inside and bring a change of shoes for the woodland area. These could be boots, wellies or old trainers. Group 1 will also need to bring in their school uniform for the afternoon. **Group 2** will need to come to school in school uniform and bring their Forest School clothes with them. Please keep an eye on the weather forecast and make sure children have suitable clothes as Forest School takes place in all weather!

**Reading at home**

It is really important that Year 6 are reading regularly as this supports their learning in all areas. By Year 6, lots of children are fluent readers and like to read by themselves, which is great! All reading they are doing should be noted down (either by them or a grown-up) in their contact book so we can see how they are getting on. Ideally children should be reading for 30 minutes at least four times a week, although daily would be even better! When children have finished their reading book, they will be expected to take a quiz on our Accelerated Reader system in school. This allows us to keep track of the progress children are making with their reading and to check they are reading books appropriate to their age and ability.

**Please note, to achieve Resolution Read At Home, children need to read 5 times a week in January.**

Monday	Tuesday	Wednesday	Thursday	Friday
			Spelling tests	
		P.E.	Forest School	Learning Logs sent home
			Learning Logs due	

- In Year 6, contact books are used regularly by the children in school. Therefore, it is essential that children have their contact books in school every day.
- Please make sure all items of your child's clothing are labelled with their name.
- Please ensure that your child has their full P.E. kit, for both outdoor and indoor P.E., in school every day as sometimes we may have to change our P.E. slot at short notice.
- If your child has their ears pierced, please make sure they can either remove their earrings on P.E. days or have some tape in their P.E. bags to cover earrings.
- If your child is struggling with their home learning, please encourage them to come and see me before the hand in day so they are still able to complete their work on time.
- All equipment (pencils, pens, rulers etc.) is provided in the classroom and children should not bring pencil cases into school.
- If you have any concerns or wish to discuss anything, please send an email to the class email address [yearsix@high-firs.kent.sch.uk](mailto:yearsix@high-firs.kent.sch.uk) or write a note in your child's contact book.