

## Maths

### Objectives to be covered this term

- To use formal methods for addition, subtraction, multiplication and division.
- To be able to add, subtract, multiply and divide fractions.
- To know about prime, square and cubed numbers.
- To know how to calculate the % of a value.
- To know about negative numbers.
- To be able to partition a number up to 1 million, including decimals.
- To be able to round a number to the nearest 10, 20, 50 and also to 2 decimal places.
- To understand ratio and proportion.
- To be able to solve word problems with two or more operations.
- To be able to find the area, perimeter and volume of 2D and 3D shapes.
- To analyse and interpret graphs and data.
- To know about algebra and be able to solve algebraic problems.
- To be able to convert between units of measurement.

### Ways to help at home

- Practise TT Rockstars 4 times a week.
- Practise addition, subtraction, multiplication and division calculations with large numbers.
- Learn prime and square numbers up to 100 off by heart.
- Practise telling the time to the nearest minute.
- Practise the 6, 7, 8, 9 and 12 times tables, including the inverse such as:  $6 \times 7 = 42$  and  $42 \div 6 = 7$ .

## Key Vocabulary

Our topic for the Spring term is "Climate Change: Be the Change!" We will be completely immersed in what climate change is, how it is affecting our planet and wildlife and how we can be better at preserving and maintaining a wonderful environment. There will be studies on David Attenborough and Greta Thunberg; a look at adaptation, evolution and inheritance in science; plant-based recipes; and creating fabulous persuasive speeches to save our planet! What an exciting project we have!

climate	recycle	emissions	campaign	fossil fuel
reversible	environment	pollution	speech	temperature
irreversible	textiles	waste	nature	drought
upcycle	eco-friendly	experiment	carbon	gases



## Spring Update Anning Class

### Spellings

There will be a separate document sent out with this term's spelling patterns. Please help us by making sure your child can read and spell these key words from the Year 6 curriculum:

accompany	community	foreign	guarantee	relevant
according	develop	forty	occupy	rhyme
committee	embarrass	government	occur	restaurant

### Home Learning

Weekly homework will start for Year 6 in January—the children will use their **SATs 10 Minute Buster Books**. Homework will go out on Wednesday and is due back in on the following Wednesday to be issued out again. Children should complete the reading, grammar and maths tasks that will be set for them. Please support us to ensure that your child makes progress by encouraging them to complete this as **independently as possible**, and in a timely fashion. This is essential preparation for the next stage of their education.

## English

### Objectives to be covered this term

To be able to correctly use all sentence punctuation including commas, ?, !, dashes, ellipsis, colons, semi colons and inverted commas.

- To be able to use all three types of parenthesis within a sentence.
- To be able to use a wide range of subordinating and coordinating conjunctions.
- To be able to write using legible joined handwriting.
- To be able to read aloud with confidence and expression.
- To be able to read and respond to a range of fiction and non-fiction texts.
- To be able to structure a story including a beginning, middle and an end.
- To be able to write at length for up to one hour independently.
- To be able to write an exciting description of a setting and character.
- To be able to use formal and informal language in writing.

### Ways to help at home

- Read with your child for 10 minutes every day; ask them questions about what they have read and explore vocabulary.
- Practise writing sentences with a range of punctuation.
- Practise joined, legible and consistent handwriting.
- Encourage independent writing at home by setting them a story challenge or researching something and writing a piece of non-fiction about it.
- Encourage reading for sustained periods of time.
- Encourage the reading of fiction and non-fiction books.