

## Maths

### Objectives to be covered this term

- Recall multiplication and division facts for multiplication tables up to  $12 \times 12$ .
- Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1, dividing by 1, multiplying together three numbers.
- Recognise and use factor pairs and commutativity in mental calculations, multiply two-digit and three-digit numbers by a one-digit number using formal written layout.
- Recognise and show, using diagrams, families of common equivalent fractions.
- Count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten.
- Add and subtract fractions with the same denominator.
- Round decimals with one decimal place to the nearest whole number.
- Compare numbers with the same number of decimal places up to two decimal places.

### Ways to help at home

- Please help your child by encouraging them to learn their timetables off by heart. TT Rockstars is great for this!
- In addition to this, helping your child to measure things in centimetres, millimetres, millilitres and litres will help them be familiar with these units of measure. You could do this by weighing ingredients together and converting them, or by making a model and measuring it in both mm and cm.

## Key Vocabulary

Our topic for the spring term is 'Extreme Environments.' We will be completing a study of the different types of environments and how they occur. We will be gaining lots of new geographical knowledge and developing our vocabulary skills. We will be using the words below during this topic and it would be beneficial if you could help your child to read, say and spell these words, as well as know their meanings. Writing out the definitions would be very useful and practising their handwriting would also be advantageous.

geology	temperate	adaptation	hydrothermal	pollution
settlement	landscape	deforestation	humid	adaptation
invertebrate	environment	volcano	tundra	humid



## Spring Update Curie Class

### Spellings

We will send out a separate document with detailed information about how spellings are taught in Curie Class. At home please can you help us by making sure your child can read and spell these key words from the Year 3/4 curriculum.

extreme	guard	important	medicine
famous	guide	interest	mention
favourite	heard	island	minute
February	heart	knowledge	natural
forward(s)	height	learn	naughty
fruit	history	length	notice
grammar	imagine	library	occasion(ally)
group	increase	material	often

### Home Learning

Homework will be completed in your purple Learning Log books that will be issued by your teacher. Children should complete the task that will be a revision of work covered in class demonstrating your child's understanding of what they have learnt. In addition, the children should be reading frequently to an adult, practising their high frequency words found on the school's website and completing four sessions on TT Rockstars a week. Homework will be set on the **3rd Monday** of each half term and should be completed within two weeks, being completed no later than the **5th Monday**. Please support us to ensure your child makes progress by encouraging them to complete this learning **independently**, neatly and in a timely fashion. Please send the completed Learning Log into school as soon as the task is complete.

## English

### Objectives to be covered this term

In English we will be linking our learning to our work on Extreme Environments.

- To know the unusual correspondences between spelling and sound in exception words.
- To read further exception words without hesitation.
- To know how the reader uses words and phrases to capture the reader's interest and imagination
- To identify how language can contribute to meaning.
- To know how to draw inferences such as inferring characters' feelings and thoughts from their actions.
- To identify main ideas from a passage and summarising this.
- To know a varied and rich vocabulary that can be used in their writing.
- To know how to use simple organisational devices in non-narrative material, (for example, headings and sub-headings).
- To know how to edit work by proposing changes to vocabulary to improve consistency and impact.

### Ways to help at home

- Read with them for at least 10 minutes every day and after reading ask them comprehension questions about what they have read.
- Practise writing sentences containing a range of advanced punctuation.
- Practise joining handwriting.
- Encourage independent writing at home by setting them a story challenge or researching something and writing a piece of non-fiction about it.