

# Year 5 – Term 3 Information and Key Learning

Welcome back to a brand new term, we hope you all had an enjoyable and relaxing Christmas. We would like to thank you for your kind gifts and wish you a Happy New Year. We are really excited about the forthcoming term which will be focussed around the theme 'All Things Lost'. Below outlines our key learning for the term, please do not hesitate to ask any questions you may have.

## Our learning this term

This term Year 5 will be focusing their English learning around the film and text of Shaun Tan's 'The Lost Thing'. The children have initially engaged with the themes of the story and made predictions about its content, later on they will be identifying and retelling the main events. This then leads to a series of innovations upon the story structure and children create their own 'lost things', creating a story plan and eventually writing their own Lost Thing narratives. We will look at character and setting descriptions, non-chronological reports and narratives (fantasy). This term, our Maths focus will continue to be on number with the children learning how to use appropriate written formal methods for dividing and multiplying and apply their understanding when answering problem solving and reasoning questions. Following this, we will begin working with fractions; finding equivalent fractions, comparing and ordering, converting from proper to improper and adding and subtracting. Science will engage the children in the topic of 'Properties and Changes of Materials' where they will explore and compare the properties of a broad range of materials, investigate changes that are difficult to reverse, dissolve substances into a liquid to create solutions and find different ways to separate mixtures.

Using inspiration from the book 'The Lost Thing' and natural form sculptures by artists Henry Moore, Barbara Hepworth and Peter Randall-Page, Year 5 will design, draw and make their own 'lost thing' sculptures. Pupils will: develop their observational drawing skills; explore the work of artists; use a variety of media and mixed-media; learn about and use complementary colours; design and make a simple clay sculpture. The big question in RE is 'How can following God bring freedom and justice?' The children will be learning about how to stay safe online and the key skills to create a PowerPoint presentation in their Computing lessons. Music will be with Mr Miles where the children will continue to learn to play the Melodica. PE will offer the children the opportunity to further develop and transfer their skills acquired in invasion games through basketball. In addition to this, we are excited to be receiving tennis and athletics sessions from the Sadie Bristow Foundation where the children will have the chance to apply core skills learnt through athletics in

## Key Information

- PE days – Monday (outdoor tennis) & Tuesday (outdoor Basketball). Please ensure your child has the correct kit for both days.
- Buster book club reading night is Wednesday.
- Please use the Reading Record to note when you have listened to or read with your child.
- The new school library has an array of books on offer, please remind your children to use it at break and lunchtime!
- We will aim to do the Daily Mile 3 x per week. We have a trainer rack outside the Year 5 classrooms if you would like your child to have a spare pair for this.
- Please remember coats as the weather gets wetter.

## The Lost Thing



# English Key Learning Facts

Key aim: To read and spell common exception words

This term's home learning focuses on the first group of words from the Year 5 common exception words i.e. those that don't follow a common rule. Below is a list of the key words children should be able to spell:

category	competition	definite
cemetery	convenience	desperate
committee	correspond	determined
communicate	criticise	develop
community	curiosity	dictionary

## Suggested Activities

**Use the word** - Making meaning helps us all to remember; if writing a sentence down is hard, talk the sentence out loud.

**Spot the deliberate mistake** - If you write out the words (and make a deliberate mistake) can your child find it (don't forget to tell them, you have made a mistake)?

**Mix it up** - The key to spelling is practice, but don't feel like you have to use the same method all of the time. Try something different every day.

# Mathematics Key Learning Facts

Key aim: To use the formal written method to divide and multiply.

We have been learning about multiplication and division, here are the formal methods we have been using for these operations. Please use these examples to support your child at home.

**Formal Short Division**  
To work out  $876 \div 4$ :

Step 1:

$$\begin{array}{r} 2 \\ 4 \overline{) 876} \\ \underline{8} \phantom{0} \\ 0 \phantom{0} \end{array}$$

$8 \div 4 = 2$

Step 2:

$$\begin{array}{r} 21 \\ 4 \overline{) 8736} \\ \underline{8} \phantom{0} \\ 7 \phantom{0} \\ \underline{7} \phantom{0} \\ 0 \phantom{0} \end{array}$$

$7 \div 4 = 1 \text{ rem } 3$

Step 3:

$$\begin{array}{r} 219 \\ 4 \overline{) 8736} \\ \underline{8} \phantom{0} \\ 7 \phantom{0} \\ \underline{7} \phantom{0} \\ 0 \phantom{0} \end{array}$$

$36 \div 4 = 9$

So  $876 \div 4 = 219$

**Division**

- Divide
- Equal groups
- Share
- Groups of
- Repeated subtraction

**Multiplication**

- Multiply
- Times
- Lots of
- Product
- Repeated addition

Here are some examples of questions to challenge your child further:

42,764 divided by 5 = (questions which have remainders)

$267 \times \underline{\quad} = 3204$  (using the inverse to solve missing number questions)

Spot the error

Mike has 26,345 books in his collection. He puts them into 5 equal piles. How many books are in each pile?

$$\begin{array}{r} 65 \\ \times 42 \\ \hline 1260 \\ 2600 \\ \hline 380 \end{array}$$

**Formal Multiplication**

123 x 45

1st step

$$\begin{array}{r} 123 \\ \times 45 \\ \hline 615 \end{array} \quad (123 \times 5)$$

2nd step

$$\begin{array}{r} 123 \\ \times 45 \\ \hline 615 \\ 4920 \\ \hline 5535 \end{array} \quad (123 \times 40)$$

3rd step

$$\begin{array}{r} 123 \\ \times 45 \\ \hline 615 \quad (123 \times 5) \\ 4920 \quad (123 \times 40) \\ \hline 5535 \quad (615 + 4920) \end{array}$$

Thank you for your continued support.