



# Newnham St Peter's C of E Primary School

Term Ahead Letter: Term 5 2022

Alders (Year 5 and 6)

Mrs Allen, Mrs Robinson and Mrs Pearson

## Maths Y5:

The children will have one arithmetic lesson and four 'Learning Objective' lessons each week as well as daily opportunities to revisit previously taught concepts and times table practice, to secure their Mathematical knowledge and understanding.

This term, the children will cover:

### Arithmetic

- Multiply a decimal (one and tenth) by a one-digit number, e.g.  $5.2 \times 3$
- Multiply a decimal (one, tenth and hundredth) by a one-digit number, e.g.  $5.24 \times 3$
- Find simple percentages of whole numbers, e.g. 50% of 30 and 25% of 80
- Find simple fractions of whole numbers, e.g.  $\frac{1}{2}$  of 50,  $\frac{1}{4}$  of 60

### Fractions, Decimals and Percentages

- Identify equivalent fractions represented visually.
- Compare fractions whose denominators are multiples of the same number.
- Order fractions whose denominators are multiples of the same number.
- Represent tenths and hundredths.
- Write a number less than 1 with one decimal place as a fraction.
- Write a number less than 1 with two decimal places as a fraction.
- Write a number less than 1 with three decimal places as a fraction.
- Understand that per cent relates to number of parts per hundred.
- Write any percentage as a fraction with a denominator of 100.
- Write any percentage as a decimal.

## Maths Y6:

The children will have one arithmetic lesson and four 'Learning Objective' lessons each week as well as daily opportunities to revisit previously taught concepts and times table practice, to secure their Mathematical knowledge and understanding.

This term, the children will cover:

### Arithmetic

- Revision of all arithmetic based questions- the four operations ( $\times$ ,  $\div$ ,  $-$  and  $+$ ) fractions and percentages.

### Revision for SATs

We will be doing two weeks of revision in preparation for SATs week (commencing 9<sup>th</sup> May).

### Measurement: Area and Volume

- Recognise that shapes with the same areas can have different perimeters and vice versa.
- Calculate the area of a parallelogram.
- Calculate the area of a triangle.
- Calculate the volume of cuboids, including cubes.

### Algebra

- Know the basic rules of algebraic notation.
- Express missing number problems algebraically.
- Find combinations of two variables.
- Find pairs of numbers that satisfy an equation with two unknown numbers, e.g.  $a + b = 15$
- Generate a linear sequence from its description.
- Describe and find the next terms of a linear sequence.
- Find a missing term in a linear sequence.
- Describe a number pattern algebraically.

- Know percentage equivalents of  $\frac{1}{2}$ ,  $\frac{1}{4}$ ,  $\frac{1}{5}$ ,  $\frac{2}{5}$ ,  $\frac{4}{5}$ .
- Establish percentage equivalents of fractions with denominator of multiples of 10.
- Establish percentage equivalents of fractions with denominator of multiples of 25.

### **Measurement: Area and Volume**

- Make connections between arrays and calculating the area of rectangle.
- Calculate the area of rectangles (not squares).
- Calculate the area of squares.
- Find an estimate for the area of shapes that are not rectangles.
- Find an estimate for the volume of a 3D shape.
- Estimate capacity.

### **English: Reading**

On a Monday, Tuesday and Wednesday, the children will have a whole class Guided Reading session which will focus on an extract from a text. The children will focus on 'DERIC' (Decode, Explain, Retrieve, Inference and Choice) style questions and be taught how to answer questions independently with a focus on one of these areas. On a Thursday, children will have further opportunities to access different texts, including non-fiction and poetry to build up fluency and confidence with reading comprehension.

Additionally, the children will have 'daily story time' where the teacher will read them a class book with a focus issue to be discussed and explored together. At the start of the term, the book will continue to be: 'Letters from the Lighthouse' by Emma Carroll. We will then start the book 'Kensuke's Kingdom' by Michael Morpurgo.

### **Spelling:**

The children will be taught a spelling rule or pattern and will focus on spelling and applying common exception words to sentences. They will also practise writing ten common exception words using the 'look, cover, write, check' approach on a daily basis when they come into school in the morning

### **English: Writing**

This term, the children will be writing instructions, using the book 'How to Live Forever' by Colin Thompson as their writing stimulus.

The children will also do some descriptive writing of a Summer Park scene.

Additionally, the children will have daily short sessions where they will have the opportunity to revisit and revise a specific grammar or punctuation focus.

### **Handwriting:**

The children will be following a continuous cursive handwriting scheme where they will practise their handwriting daily. The aim is to help children write neatly, with fluency and consistency, to improve their overall presentation in all books.

<p>too. The common exception words will be used as a homework focus.</p>	<p>This term we will be concentrating on the zigzag letters, which include the letters: v, w, x and z. Children will practise handwriting as a focused morning job when they first come into school and continue to practise the cursive style in all written work.</p>
<p><b><u>Science:</u></b> Pupils will be taught the Science unit, 'Evolution and Inheritance' which includes fossil evidence, inheritance, and adaptation which may lead to evolution.</p>	<p><b><u>RE: What would Jesus do? (Gospel)</u></b> In R.E, the children will learn: Jesus' teaching on how his followers should live. Offer interpretations of two of Jesus' parables and say what they might teach Christians about how to live. Explain the impact Jesus' example and teachings might have on Christians today. Express their own understanding of what Jesus would do in relation to a moral dilemma from the world today.</p>
<p><b><u>Geography:</u></b> In Geography, the children will about where water comes from (The Water Cycle) and how it is supplied into homes. They will also learn more about Water Aid in less developed countries.</p>	<p><b><u>DT:</u></b> In DT, the children will learn continue to use fabric and textile materials to make and sew a character from a fairy tale.</p>
<p><b><u>PSHE and Computing:</u></b> In PSHE, the children will be continuing to discuss and explore personal responsibility through the question: How can I manage my feelings?  In Computing the children will learn more about staying safe online, including online communication, passwords and bullying.</p>	<p><b><u>P.E:</u></b> This term, the children will have a P.E lesson every Wednesday taught by a specialist sports coach. The children will be doing Volleyball. Children will also have a further PE lesson each Friday morning which will be teacher led. The children will focus on Rounders. <b>The children will need to have their PE kit in school on Wednesday and Friday</b> each week. It would be useful to keep a PE kit in their locker termly and keep it in school. Please refer to the school's PE uniform policy on the school website.</p>
<p><b><u>Art:</u></b> This term we will be studying the American artist, Georgia O'Keefe. We will find out about her artwork and paint in her style.</p>	<p><b><u>French and Music</u></b> This term, the children will be learning about words associated with French transport.  In Music, the children will be learning and performing a traditional African song using percussion instruments.</p>
<p><b><u>Homework:</u></b> Homework will be set each Wednesday (term time only) and it needs to be submitted by the following Monday. The children will have Spelling, English and Maths homework set weekly</p>	

onto Seesaw. The children will also have a topic grid where they will pick 3-4 activities to complete in the Summer Term.

Your child needs to be reading 5 days a week at home and recording this into their reading record.

### **Home Learning:**

If your child is home from school because they have Covid and are self-isolating and is well enough to work, there is a pack of work available for this term on the school website- that should be enough if your child is home for a few days.