

New Town Primary School
Our Learning: Year Five - Summer Term 2023-24
Maple and Mulberry

	Learning at school	Learning at home
English	<p>We will be focussing on writing a narrative story this term using the text Kensuke's kingdom by Michael Morpurgo as a stimulus for writing. After this we will be writing a non- chronological report on Emperor Penguins and biography of David Attenborough. Our aim is to develop a rich and varied vocabulary in our writing while we explore different types of sentences that help to engage the reader. There will be a continued emphasis on embedding handwriting, spelling, and punctuation and grammar skills in all our writing. We will have daily comprehension lessons where we will continue to develop our skills of retrieval, inference and prediction. On a daily basis, we will dedicate some time to reading our class book, to create a community of readers. This term our class book is The Fastest Boy in the World by Elizabeth Laird- a story about a very brave boy !</p>	<ul style="list-style-type: none"> • Challenge yourself to explore chapter books, either by yourself, with an adult or sibling. • Listening to the news: can you bring in an interesting news item to present to the class? • Read a book from your bookshelf at home/ library. Write a short book review outlining what the book was about, what you liked about the book and why you would recommend it to others.
Maths	<p>In maths we will spend the first 2 weeks looking at shape. In this unit the children will classify different angles and use protractors to measure and draw different angles accurately. They will also learn to identify different regular and irregular polygons. We shall follow this scheme by plotting positions on a grid using coordinates. This will also involve translating, reflecting and rotating a given shape in all four quadrants. We shall complete term 5 by returning to decimals revising how we add, subtract decimals together with dividing and multiplying by 10,100 and 1000's. We shall continue during the term to revisit arithmetic- times tables and written methods as well as 'real life' maths word problems to prepare the children for Year 6.</p>	<ul style="list-style-type: none"> • Please practice your times tables, associated division facts and number bonds to 100 regularly. Remember, great mathematicians know these as quick fire facts so they can apply them to problems. • Ask questions about how maths is used in everyday life – time, cooking, money and change. Collect examples to share with the class.

Topic	<p>This term we will be learning about Africa. We will find out about the Benin Empire and its success in Western Africa. In science, we are learning about reversible and irreversible changes in materials; as scientists we will be conducting a range of experiments! In RE, we will explore ethics in Christianity, Sikhism and Judaism. In art, we will be learning about the features of installation art and how it can communicate a message; we will be exploring the work of Cai Guo-Qiang and discovering how our life experiences can inspire our art. In DT we will be looking at mechanical systems and use our knowledge to design, make and evaluate an Africa inspired, oscillating and rotating toy. In geography, we will look at what maps tell us and how they are used for different purposes. We will learn how to interpret symbols, scale, contour lines and grid references. During PE lessons we will be developing our skills and tactic through athletics and netball.</p>	<ul style="list-style-type: none"> You could look up some traditional African stories to read and learn together, e.g. Tinga Tinga Tales. Visit the Cole Museum of Zoology to see some specimens which are native to Africa. Use the internet to research our topics, and make notes about facts you have found out. Tell your family about what you have been learning! Can you explain it to them so they can understand the topic too? Visit Reading town centre to look for clues about the town's past –there are lots of new information boards to spot when you are out and about! Use your knowledge organisers to learn key facts and vocabulary. This will help your understanding in lessons. <p>Put 'for children' after your search topic and use search engines such as Swiggle, Kid Rex or Safe Search UK to keep children safe and bring up appropriate information.</p>
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Our class expectations

Every day	<ul style="list-style-type: none"> Arrive at school on time - 8.45 Wear the correct uniform - both school uniform and PE kit. Have a positive attitude to learning!
Every week	<ul style="list-style-type: none"> Complete and hand in homework to your class teacher Read at home at least four times, and record this in your reading record Learn spellings and the related spelling rule in preparation for spelling test on Friday Wear the correct school PE kit on your class PE day. Practice weekly times table ready for maths facts test on Friday.

Reading Expectation

All children should be reading at home **at least four times per week** and brought into school **every day**.

Parents/carers should be signing reading records at least four times per week to show when reading has been done.

Some questions to ask your child while reading together

- Look at the front cover. What could the book be about?
- Who is the author?
- What is an illustrator? What do they do?
- What does that word mean? Read the words around it to help you figure it out (context)
- How can you read an unfamiliar word? Can you use your Fred talk and then blend?
- Who are the main characters in the story?
- What do you think will happen next?
- How do you think that character feels? Why? How would you feel in that situation?
- Can you predict how the book will end?
- Who is your favourite character? Why?
- Is there a hidden message in the story? What is it?
- Can you retell the story in your own words?
- Do you like how the story ended? Can you think of another way the book could have ended?



Reading tracker and competition

We are running a whole school reading competition. Teachers are tracking how many times pupils in their class have their reading records signed each week. These figures are then added to our reading race board and the class that has their reading records signed the most in a term wins the reading trophy.

There are also individual prizes to be won so get reading and signing.

Reading record signed 50 times: School book mark

Reading record signed 100 times: Reading book

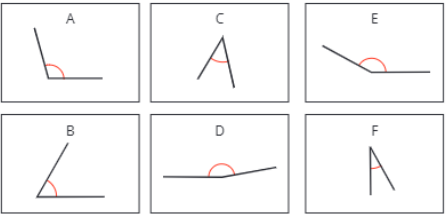



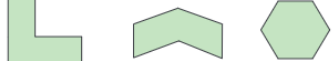





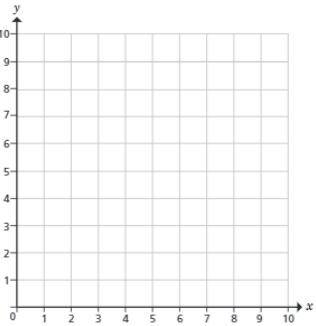
Reading record signed 150 times: Medal

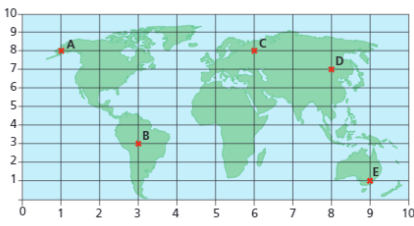
Reading record signed 200 times: Gold pin for jumper

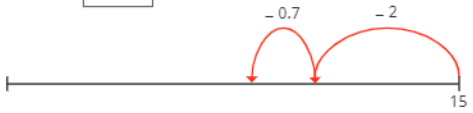

Reading record signed 250 times: Trophy


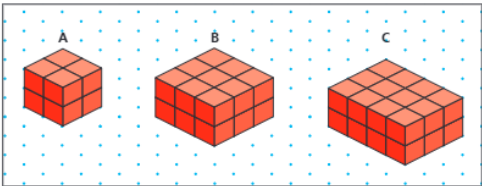
Homework

Week commencing	Topic based skills homework	Spellings	Maths
15/4/24 Week One	Our Learning for Spring given out on Friday		

<p>22/4/24</p> <p>Week Two</p> <p>Homework due: Weds 24th April</p>	<p>History</p> <p>Explore the history of The Benin Empire. Find out who the great leaders were and what made the empire so successful.</p> <p>Create an information poster.</p>	<p>List 1</p>	<p>Here are some angles.</p> 
<p>29/4/24</p> <p>Week Three</p> <p>Homework due: Weds 1st May</p>	<p>Science</p> <p>Give 5 examples of when a material would not be suitable for certain uses due to its properties.</p>	<p>List 2</p>	<p>One polygon in each set is regular. Tick the regular polygon.</p> <p>a) </p> <p>b) </p> <p>c) </p> <p>d) </p> <p>How did you know which one was regular without measuring?</p>
<p>6/5/24</p> <p>Week Four</p> <p>Homework due: Weds 8th May</p>	<p>Life Skills –</p> <p>Draw a life cycle of a human showing its different stages- present your work as an information text or a poster .</p>	<p>List 3</p>	<p>Work out the size of the unknown angles.</p> <p>a)  $w = \square^\circ$</p> <p>b)  $x = \square^\circ$</p> <p>c)  $y = \square^\circ$</p> <p>d)  $z = \square^\circ$</p>
<p>13/5/24</p> <p>Week Five</p> <p>Homework due: Weds 15th May</p>	<p>Art</p> <p>A huge continent, Africa was home to many diverse nations and tribal groups. In the past shields were a very important piece of military equipment. Design your own African shield. Research those from Benin, Zululand and the Masai for ideas. Why not make one for display?</p> 	<p>List 4</p> <p>•</p>	<p>Plot the points on the coordinate grid.</p> <p>A (2, 5)</p> <p>B (7, 3)</p> <p>C (5, 1)</p> <p>D (0, 9)</p> <p>E (4, 0)</p> 

<p>20/5/24</p> <p>Week Six</p> <p>Homework due: Weds 22nd May</p>	<p>History</p> <p>Create a detailed timeline about the Benin Kingdom. Add the key events we have learnt about in chronological order and add some pictures or detail for each event.</p>	<p>List 5</p>	<p>2 A map of the world is drawn on a grid. Some locations are marked at points A to E.</p>  <p>a) Which point is at the bottom right of the grid? _____</p> <p>b) Which two points are to the left of point C on the map? _____ and _____</p> <p>c) Write the coordinates of each location.</p> <p>A (<input type="text"/> , <input type="text"/>) D (<input type="text"/> , <input type="text"/>)</p> <p>B (<input type="text"/> , <input type="text"/>) E (<input type="text"/> , <input type="text"/>)</p> <p>C (<input type="text"/> , <input type="text"/>)</p>
<p>Half Term Children return to school on Tuesday 6th June</p>	<p>Optional Half Term Project: Choose an unused item from your home and upcycle or repurpose it so that it has a new lease of life. Decorate it and make it look as good as new. Extra: create an advert for your new item.</p> <div data-bbox="724 896 975 1258" data-label="Image"> </div> <div data-bbox="997 896 1468 1137" data-label="Image"> </div>		
<p>3/6/24</p> <p>Week Seven</p> <p>Homework due: Weds 5th June</p>	<p>Half Term Project Finishing Touches</p>	<p>List 6</p>	<p>Use the column method to work out the additions.</p> <p>a) $\begin{array}{r} 5 + 3 \\ + 2 + 5 \\ \hline \end{array}$</p> <p>b) $\begin{array}{r} 6 + 0 + 3 \\ + 3 + 9 + 1 \\ \hline \end{array}$</p> <p>c) $\begin{array}{r} 2 + 3 + 2 \\ + 1 + 0 + 1 + 7 \\ \hline \end{array}$</p> <p>d) $\begin{array}{r} 6 + 3 + 7 \\ + 6 + 2 + 6 \\ \hline \end{array}$</p> <p>e) $\begin{array}{r} 3 + 1 + 0 + 2 \\ + 5 + 8 + 7 + 6 \\ \hline \end{array}$</p> <p>f) $\begin{array}{r} 1 + 2 + 0 + 3 + 4 \\ + 9 + 2 + 2 + 7 \\ \hline \end{array}$</p> <p>g) $\begin{array}{r} 5 + 7 + 5 \\ 5 + 3 + 2 \\ + 5 + 0 + 1 \\ \hline \end{array}$</p> <p>h) $\begin{array}{r} 1 + 4 + 9 + 9 \\ + 1 + 2 + 3 + 7 \\ \hline \end{array}$</p>

10/6/24 Week Eight Homework due: Weds 12 th June	Geography Draw a map of your house – include compass directions, scale and a legend/	List 7	<p>d) $15 - 2.7 = \square$</p>  <p>Complete the subtractions.</p> <p>a) $8 - 2.9 = \square$ d) $12 - 4.5 = \square$</p> <p>b) $16 - 3.5 = \square$ e) $14 - 7.8 = \square$</p> <p>c) $28 - 7.3 = \square$ f) $32 - 9.2 = \square$</p>
17/6/24 Week Nine Homework due: Weds 19 th June	French Think back to all the topics you've covered this year Clothes Weather Date Pets Write a conversation <u>in French</u> between two friends using some of the vocabulary you've learnt.	List 8	<p>Work out the missing numbers.</p> <p>a) $7.7 \times \square = 770$ e) $8.032 \times \square = 80.32$</p> <p>b) $\square \times 10 = 1,950$ f) $\square \times 18.3 = 1,830$</p> <p>c) $11.5 \times \square = 115$ g) $195.32 \times \square = 1,953.2$</p> <p>d) $\square \times 11.5 = 11,500$ h) $\square \times 1,000 = 7,200$</p>
24/6/24 Week Ten Homework due: Weds 26 th June	Life Skills Who would you like to be when you grow up? Think about skills and qualifications you needed to pursue this career. Present your findings by drawing a poster.	List 9	<p>Use the number line to find the differences by jumping to and from zero.</p>  <p>a) The difference between 2 and -3 is \square</p> <p>b) The difference between -3 and 7 is \square</p> <p>c) The difference between 1 and -6 is \square</p> <p>d) The difference between -9 and 9 is \square</p> <p>Find the differences between the pairs of numbers.</p> <p>a) 17 and -21 \square</p> <p>b) -23 and 8 \square</p> <p>c) 52 and -33 \square</p> <p>d) 109 and -36 \square</p>
1/7/24 Week Eleven Homework due: Weds 3 rd July	Reading Take a book from the book corner home and write a book review for us to photocopy and add to the book corner for other children in the class to see – present this as a poster. What is the title of the book? Who is the author of the book? Did you enjoy the book? Who was your favourite character? What was the book about? Would you recommend this book to someone else?	List 10	<p>Complete the conversions.</p> <p>a) $15 \text{ cm} = \square \text{ mm}$ e) $\square \text{ cm} = 0.2 \text{ m}$</p> <p>b) $12 \text{ m} = \square \text{ cm}$ f) $4.65 \text{ m} = \square \text{ cm}$</p> <p>c) $16.5 \text{ m} = \square \text{ cm}$ g) $52,000 \text{ mm} = \square \text{ cm}$</p> <p>d) $\square \text{ mm} = 165 \text{ cm}$ h) $52,000 \text{ mm} = \square \text{ m}$</p>

	Give the book a star rating.																		
8/7/24 Week Twelve Homework due: Weds 10 th July	Science <div> Match the state of matter to the picture that shows how the particles behave. <div> <div>solid</div> <div>liquid</div> <div>gas</div> </div>  </div> Write the meaning of these properties of materials: - permeable - absorbent	List 11	Here is part of a bus timetable. <table border="1"> <tr> <td>Cheston</td><td>13:20</td><td>14:20</td><td>15:20</td></tr> <tr> <td>Falkirk</td><td>13:55</td><td>14:55</td><td>15:55</td></tr> <tr> <td>Lithe</td><td>14:15</td><td>15:15</td><td>16:15</td></tr> <tr> <td>Minton</td><td>15:05</td><td>16:05</td><td>17:05</td></tr> </table> <p>Mr Rose needs to be in Lithe by 2:30 pm. What is the latest bus he can catch from Falkirk?</p> <p>_____</p> <p>Miss Smith gets to the bus stop in Lithe at 3:45 pm. How long will she have to wait for the next bus to Minton?</p> <p>_____</p>	Cheston	13:20	14:20	15:20	Falkirk	13:55	14:55	15:55	Lithe	14:15	15:15	16:15	Minton	15:05	16:05	17:05
Cheston	13:20	14:20	15:20																
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Minton	15:05	16:05	17:05																
15/7/24 Week Thirteen Homework due: Weds 17 th July	Learning Review Choose something you've enjoyed learning about this year and create a poster or presentation to teach somebody else about it. You can choose the format you use.	List 12	<p>Three cuboids are drawn on isometric paper.</p>  <p>a) How many cubes are needed to make each cuboid? A <input type="text"/> cubes B <input type="text"/> cubes C <input type="text"/> cubes</p> <p>b) If each cube has a side length of 1 cm, what is the volume of each cuboid? A <input type="text"/> cm³ B <input type="text"/> cm³ C <input type="text"/> cm³</p>																
Summer Holidays	School finishes at 1.30pm on Tuesday 23 rd July. Children return to school on Tuesday 4 th September. Enjoy your holidays!																		

Your topic homework is not marked but will be celebrated in class.

Your spellings and maths facts will be tested every week in school, so that you can see how you are improving.

SummerTerm 1					
List 1	List 2	List 3	List 4	List 5	List 6

Statutory Words That are expected to be spelt correctly at all times	Words with 'silent' letters (i.e. letters)	Homophones and other words that are often confused. n the pairs of words opposite, nouns end –ce and verbs end –se.	Homophones and other words that are often confused. n the pairs of words opposite, nouns end –ce and verbs end –se.	Non-Negotiable homophones children must be spelling correctly	Hyphens can be used to join a prefix to a root word, especially if the prefix ends in a vowel letter and the root word also begins with one
explanation forty harass immediate(ly) interrupt familiar frequently hindrance individual language	island thistle bomb knee Christmas knife sword crumb listen wrist	advise licence practise heard isle guessed herd aloud devise practice	lead Stationary Steel whose bridal stationery who's serial compliment desert	They're where hare it's (it is) add their we're Hear its to	co-worker re-educate co-operate de-emphasise re-edit co-pilot pre-date pre-election pre-print re-form

Summer Term 2					
List 1	List 2	List 3	List 4	List 5	List 6
Statutory Word list and adding prefixes and suffixes to these where appropriate.	Endings which sound like /ʃəs/ spelt –cious or –tious	Suffixes which sound like /ʃəl/ –cial	The 'i before e except after c' rule applies to words where the sound spelt by ei is /i:/.	Year 5 /6 Statutory Words - adding prefixes and suffixes to these Where appropriate	Statutory word list and adding prefixes and suffixes to these where appropriate
individual language marvellous occur muscle opportunity parliament interfere leisure identity	conscious infectious malicious infectious precious gracious vivacious fictitious delicious tenacious	prudential Social artificial Essential torrential beneficial glacial commercial initial partial	niece Deceive perceive seize Glacier thief Friend grief pierce pie	muscle nuisance opportunity physical profession necessary occupy parliament prejudice programme	rhyme secretary sincere(ly) sufficient system rhythm twelfth variety vegetable temperature

Of course, the learning does not have to stop here: we would love you to continue their learning at home in any way you feel you would like to, and we are always happy to hear about extra facts you've found out, listen to stories you've written or how you might have cracked the next times table set you need to work on. Learning never stops!

Challenge: Earn yourself some extra house points!

1 House Point – whilst learning each spelling list every week, could your child choose five of the words and put them into five separate interesting sentences.

3 House Points – if you can put all 5 words into one short paragraph.