

# New Town Primary School

Our Learning: Year 6 - Spring Term 2025



Willow and Walnut Classes

	Learning at school	Learning at home
<b>English</b>	<p>This term we will start off by using a historical novel as inspiration for diary entries, journalistic writing and biographies. We will then move onto persuasive writing. We will later apply our letter writing skills to write formal letters regarding climate change. Later on in the term, we will be writing newspaper reports as journalists using traditional tales as inspiration then going on to write our own traditional tale. Throughout the term we will be focussing on revision of key grammatical and punctuation in preparation for our SATs tests. We will also be focussing on precise grammar and use of tense in independent writing.</p>	<ul style="list-style-type: none"> <li>• Challenge yourself to explore chapter books, either by yourself, with an adult or sibling.</li> <li>• Listening to the news: can you bring in an interesting news item to present to the class?</li> <li>• 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.</li> </ul>
<b>Maths</b>	<p>This term we will start off by learning about ratio and proportion. We will then start to learn about algebra and number representations before moving on to consolidating our understanding of number focusing on decimals, fractions and percentages. We will develop our sense of space while examining area, perimeter and volume and finally consolidate our data interpretation skills in a statistics module. Throughout the term we will continually revise our arithmetic skills and continue to develop our reasoning skills.</p>	<ul style="list-style-type: none"> <li>• Maths facts are essential for your SATs! 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.</li> <li>• Ask questions about how maths is used in everyday life – time, cooking, money and change. Collect examples to share with the class.</li> </ul>
<b>Our topic work</b>	<p>We will be learning about South America and how it is unique as a continent, closely focussing on the role the Amazon Rainforest plays in supporting life across the globe. Later in the term, we will be learning about population as a geographical concept and which factors influence settlement as well as the outcomes of over population. In PE we will be developing our skills in various sports such as tennis and yoga.</p> <p>In science, we will be looking at classification of living things. After February half-term we will be learning about Charles Darwin’s theory of evolution. In art, we will be looking at activism. Children are introduced to the idea that they can use art as a way of sharing their passions and interests with their peers and community.</p> <p>In RE, looking at how Muslims respond to local and global issues and how they are guided by their sacred text..</p>	<ul style="list-style-type: none"> <li>• You could visit Reading Museum to appreciate Reading’s long and rich history</li> <li>• Visit the library to find books related to our topic.</li> <li>• 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!</li> </ul> <p><b>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.</b></p>

## Our class expectations

Every day	<ul style="list-style-type: none"> <li>• Arrive at school on time</li> <li>• Wear the right uniform, or talk to my teacher if I don't have it on</li> <li>• Have a positive attitude to learning!</li> </ul>				
Every week	<ul style="list-style-type: none"> <li>• Complete my homework by Wednesday each week</li> <li>• Read at home at least five times, and record this in my homework diary</li> <li>• Learn my spellings</li> <li>• Practice my weekly maths facts</li> <li>• Come to school in PE kit on PE days and remove earrings.</li> <li>• The PE days for each class are as below:</li> </ul> <table border="1" style="margin-left: 20px;"> <tr> <td style="width: 50%;">Willow</td> <td>Tuesday and Friday</td> </tr> <tr> <td>Walnut</td> <td>Monday and Thursday</td> </tr> </table>	Willow	Tuesday and Friday	Walnut	Monday and Thursday
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## Homework

Week commencing	Topic based skills homework	Spellings	Maths
<p><b>INSET DAY – 5<sup>th</sup> January</b></p> <p>6<sup>th</sup> – 9<sup>th</sup> Jan 26</p> <p><b>Due date 9<sup>th</sup> January</b></p>	<p><b>Read your new knowledge organiser and write out some key facts about your new geography and science topics.</b></p>	List 1	<p>Revise your times table knowledge ready for a quiz on Friday</p>
<p>12<sup>th</sup> – 16<sup>th</sup> Jan 26</p> <p><b>Due date 14<sup>th</sup> January</b></p>	<p><b>Geography</b> Use books and your knowledge organiser to find out what lives and grows in each layer of the rainforest: the forest floor, the understory, the canopy and the emergent layer.</p>	List 2	<p>Ally chooses a whole number.</p> <p>When she multiplies her number by 4, the answer is <b>less than 100</b></p> <p>When she multiplies her number by 5, the answer is <b>greater than 100</b></p> <p>Write a number that Ally could have started with.</p>
<p>19<sup>th</sup> – 23rd Jan 26</p> <p><b>Due date 21st January</b></p>	<p><b>Science</b> Research an animal(s) and write a detailed report to describe appearance, features, characteristics, adaptation to environments, habitat, labelled diagram etc. (There are plenty of books in our book corner you could borrow for this task)</p>	List 3	<p>Adam buys 4 pens and a ruler and pays £4.75 altogether.</p> <div style="text-align: center;">  </div> <p>Jack buys 2 pens and pays £1.98 altogether.</p> <div style="text-align: center;">  </div> <p>How much does a <b>ruler</b> cost?</p>

<p>26<sup>th</sup> Jan – 30<sup>th</sup> Jan 26</p> <p><b>Due date</b> <b>28<sup>th</sup></b> <b>January</b></p>	<p><b>Geography</b> Write a persuasive letter to a company which is responsible for deforestation in the rainforest convincing them to make more sustainable choices.</p>	<p>List 4</p>	<p>Jack hires a hall for a party. This formula is used to work out the total cost.</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;"> <p><b>Total cost = £15 booking fee + £12.50 per hour</b></p> </div> <p>What is the total cost of hiring the hall from 6 pm until 11 pm?</p>																		
<p>2nd – 6<sup>th</sup> Feb 26</p> <p><b>Due date</b> 4<sup>th</sup> <b>February</b></p>	<p><b>Design Technology</b> Write a recipe for a meal which you regularly eat at home. Try to be as accurate as possible with the measurements.</p>	<p>List 5</p>	<p>Adam buys 6 bags of white balloons. Chen buys 3 bags of red balloons. Adam says, <i>'I have four times as many balloons as Chen.'</i> Explain why Adam is correct.</p>																		
<p>9<sup>th</sup> – 13<sup>th</sup> Feb 26</p> <p><b>Due date</b> <b>11<sup>th</sup></b> <b>February</b></p>	<p><b>Life Skills</b> Find out about who our MP is. Find out how they help our community and write a list of questions you would like to ask them. Think about facilities in our local area that you could improve.</p>	<p>List 6</p>	<p>A toy shop orders 11 boxes of marbles. Each box contains 6 bags of marbles. Each bag contains 45 marbles.  How many <b>marbles</b> does the shop order in total?</p>																		
<p>HALF TERM: <b><u>16.2.26 -</u></b> <b><u>20.2.26</u></b></p>	<p><b>Half Term Project</b> Choose a scientist to research and write a biography about them: Carl Linnaeus, Mary Anning or Charles Darwin.</p>																				
<p><b>INSET DAY –</b> <b>23<sup>rd</sup> Feb</b></p> <p>24<sup>th</sup> – 27<sup>th</sup> Feb 26</p> <p><b>Due date</b> <b>25<sup>th</sup></b> <b>February</b></p>	<p><b>French:</b> Write three sentences in French about what you enjoy doing at 'le weekend.'</p>	<p>List 7</p>	<p>A book has 276 pages.  Amina has read <math>\frac{1}{3}</math> of the book.  How many pages are <b>left</b> for Amina to read?</p>																		
<p>2<sup>nd</sup> – 6<sup>th</sup> Mar 26</p> <p><b>Due date</b> 4<sup>th</sup> <b>March</b></p>	<p><b>Science</b> Choose an animal to research and find out about its adaptations. Write a fact-file about it which explains why it is suited to its habitat.</p>	<p>List 8</p>	<p>Here are the temperatures in four cities at midnight and at midday.</p> <table border="1" style="margin: 10px auto;"> <thead> <tr> <th colspan="3">Temperature</th> </tr> <tr> <th>City</th> <th>At midnight</th> <th>At midday</th> </tr> </thead> <tbody> <tr> <td>Paris</td> <td>-4°C</td> <td>-2°C</td> </tr> <tr> <td>Oslo</td> <td>-13°C</td> <td>-7°C</td> </tr> <tr> <td>Rome</td> <td>3°C</td> <td>10°C</td> </tr> <tr> <td>Warsaw</td> <td>-6°C</td> <td>2°C</td> </tr> </tbody> </table> <p>At <b>midnight</b>, how many degrees colder was Paris than Rome?  Which city was 6 degrees colder at midnight than at midday?</p>	Temperature			City	At midnight	At midday	Paris	-4°C	-2°C	Oslo	-13°C	-7°C	Rome	3°C	10°C	Warsaw	-6°C	2°C
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<p>9<sup>th</sup> – 13<sup>th</sup> Mar 26</p> <p><b>Due date</b> <b>11<sup>th</sup> March</b></p>	<p><b>Book Review:</b> Read a book of your choice at home and write a book review on it.</p> <p><b>Remember to include:</b> Title of the book Author's name Characters</p> <ul style="list-style-type: none"> <li>• Who are they?</li> <li>• Setting</li> </ul> <p>Plot</p> <ul style="list-style-type: none"> <li>• Give a summary of the plot - write a paragraph on what happened in the story</li> </ul> <p>Your opinion of the book</p> <ul style="list-style-type: none"> <li>• Did you like the book?</li> <li>• What was your favourite part and why?</li> <li>• Were there any funny or scary bits in the story?</li> </ul> <p>Recommendation</p> <ul style="list-style-type: none"> <li>• Would you recommend this book to others?</li> <li>• Why / why not?</li> </ul> <p>Star rating out of 5.</p>	<p>List 9</p>	<p>Here are five numbers.</p> <p><del>2</del> 3 4 5 6</p> <p>Write each number on the correct cards.</p> <p>The number 2 has been written on the correct cards for you.</p> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="border: 1px solid black; border-radius: 10px; padding: 10px; width: 150px; height: 100px; text-align: center;"> <div style="background-color: #e0e0e0; padding: 2px; margin-bottom: 5px; font-size: 8px;">Prime numbers</div> <p style="font-size: 24px; margin: 0;">2</p> </div> <div style="border: 1px solid black; border-radius: 10px; padding: 10px; width: 150px; height: 100px; text-align: center;"> <div style="background-color: #e0e0e0; padding: 2px; margin-bottom: 5px; font-size: 8px;">Factors of 12</div> <p style="font-size: 24px; margin: 0;">2</p> </div> <div style="border: 1px solid black; border-radius: 10px; padding: 10px; width: 150px; height: 100px; text-align: center;"> <div style="background-color: #e0e0e0; padding: 2px; margin-bottom: 5px; font-size: 8px;">Factors of 15</div> </div> </div>
<p>16<sup>th</sup> – 20<sup>th</sup> Mar 26</p> <p><b>Due date</b> <b>18<sup>th</sup> March</b></p>	<p><b>Geography</b> In 2011, the population of Reading was 155,700, in 2021 it was 174,200. How has it changed? Why do you think that is? How does Reading make sure there is enough of everything for everyone?</p>	<p>List 10</p>	<p style="text-align: center;"><math>\frac{6}{5}</math>   <math>\frac{3}{5}</math>   <math>\frac{3}{4}</math></p> <p>Write these fractions in order, starting with the <b>smallest</b>.</p> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="border: 2px solid black; width: 60px; height: 60px; margin-bottom: 5px;"></div> <div style="border: 2px solid black; width: 60px; height: 60px; margin-bottom: 5px;"></div> <div style="border: 2px solid black; width: 60px; height: 60px; margin-bottom: 5px;"></div> </div> <p style="margin-left: 20px;">smallest</p>

<p>23<sup>rd</sup> – 27<sup>th</sup> Mar 26</p> <p><b>Due date</b> <b>25<sup>th</sup> March</b></p>	<p><b>Art</b></p> <p>Research some social issues you feel strongly about and have a look at associated protest posters and public art. Sketch some of your favourites for inspiration (think about what fonts are being used and the simplicity of imagery). If you're stuck, look at Banksy, Barbara Kruger or Blu.</p>	<p>List 11</p>	<p>Amina asked 60 children to choose their favourite flavour of jelly. These were her results.</p> <table border="1" data-bbox="967 338 1254 622"> <thead> <tr> <th>Flavour</th> <th>Number of children</th> </tr> </thead> <tbody> <tr> <td>Raspberry</td> <td>12</td> </tr> <tr> <td>Lemon</td> <td>8</td> </tr> <tr> <td>Orange</td> <td>15</td> </tr> <tr> <td>Blackcurrant</td> <td>25</td> </tr> <tr> <td><b>Total</b></td> <td><b>60</b></td> </tr> </tbody> </table> <p>What <b>percentage</b> of the 60 children chose orange?</p>	Flavour	Number of children	Raspberry	12	Lemon	8	Orange	15	Blackcurrant	25	<b>Total</b>	<b>60</b>
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<p>EASTER HOLIDAYS</p> <p><b>30<sup>th</sup> March – 10<sup>th</sup> April 26</b></p> <p><b>INSET DAY</b> <b>13<sup>th</sup> April</b></p>	<p>Choose an aspect of your learning you have enjoyed this term and create a poster to showcase what you've learnt.</p>	<p>List 12</p>													

Your topic homework is not marked but will be celebrated in class. Your spelling will be tested every week in school so that you can see how you are improving. The maths facts you have learned will be used in your learning, and each week to warm up your brain before your lessons, so every piece of your homework really is essential to make the most of the exciting opportunities your teacher has planned for you.

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!

Spring Term 1					
List 1	List 2	List 3	List 4	List 5	List 6
amateur attached apparent appreciate average suggest temperature variety system twelfth	ough nought fought breakthrough enough sought thought thoughtless rough plough	island thistle bomb knee Christmas knife sword crumb listen wris	guest led passed principal affect heard lead proceed precede stationary	basically kindly slowly loudly crossly quietly angrily gently simply humbly	existence explanation familiar foreign forty frequently government guarantee harass hindrance
Statutory lists	Words containing the letter string ough	Silent letters	Homophones	Revision of ly suffix	Statutory lists
Spring Term 2					
List 6	List 7	List 8	List 9	List 10	List 11
pyramid symbol syrup typical Egypt crystal gym hymn mystery lynx	accompany aggressive apparent available bargain ancient bruise category cemetery committee	dragging speedily usually supporting working stopped sadly finally supported worked	gardening limited comically gently dramatically limitation happily simply basically nobly	adoration admiration mountainous tremendous humorous sensation poisonous famous enormous glamorous	grate grown mail bury groan not ball peace seen great
I sound spelt with y	Statutory lists	Revision of suffixes	Knowledge of root words	Revision of suffixes	Homophones

Each week there are words which follow the weekly spelling rule as well as two statutory spelling words (these are in blue).

**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.