

New Town Primary School

Our Learning: Year 6 - Autumn Term 2022

Willow and Walnut Classes



	Learning at school	Learning at home
English	<p>This term we will start off by writing mystery stories based on The Graveyard Book by Neil Gaiman. We will then move on to writing detailed, annotated timelines with Ancient Greece as our focus. Later in the term we will use Varmints by Helen Ward as our writing inspiration and we'll finish the term with some poetry. We will use our comprehension lessons to retrieve and record information and develop understanding through inference and prediction. There will be a continued emphasis on embedding handwriting, spelling, and punctuation and grammar skills in all our writing. On a daily basis, we will dedicate some time to reading our class book to create a community of readers.</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>We will start off the year by extending our knowledge about place value, which will include whole numbers to ten million, negative numbers, a revision of Roman numerals and decimals. We will look at mental calculation strategies and embed column addition, subtraction and multiplication and division, moving on to learning how to carry-out long division. There will be a big emphasis on being able to do arithmetic quickly and applying the maths we know to reason and solve problems. We will continue on to working with fractions, consolidating all previous learning on this topic and finally end the term with converting units of measurement.</p>	<ul style="list-style-type: none">• 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.• Ask questions about how maths is used in everyday life – time, cooking, money and change. Collect examples to share with the class.

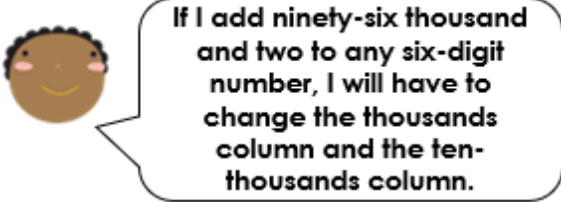

<p>Our topic work</p>	<p>In geography and history this term our topic is based around the country of Greece. We will be learning about the Ancient Greek civilisation including: how they lived; how they ruled; how they fought and the legacy they have left.</p> <p>In art we will be developing design, drawing, craft, painting and art appreciation skills – creating an invention, expanding on an observational drawing, using a poem to create a portrait and painting an enlarged section of a drawn collage.</p> <p>In science, Year 6 will be learning about electricity. We will be building and testing circuits with increasing complexity. The children will extend their understanding of ways in which the brightness of bulbs or speed of motors in a circuit can be changed.</p> <p>In French we will be learning about how to talk about school and the subjects we enjoy.</p> <p>In RE we will be learning about the key beliefs in Sikhism, Judaism and Christianity with a focus on sacred texts in each religion.</p> <p>During PE lessons we will be developing our skills through swimming and gymnastics.</p>	<ul style="list-style-type: none"> • Research Sikhism, Judaism and Christianity by reading up about the these religions. • Go to the library or use the internet to research our topics and make notes about facts you have found out. • Find out what is powered by electricity in your house. Which appliances use the most and the least electricity? What are the best ways to conserve electricity at home? <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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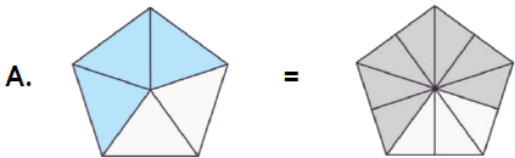
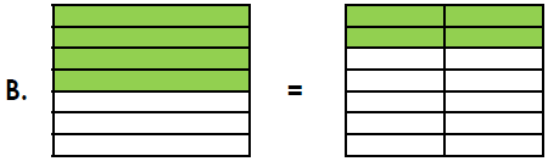
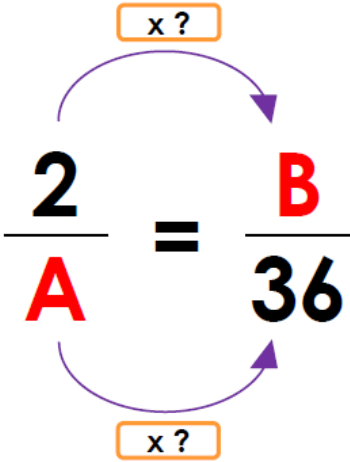
Our class expectations

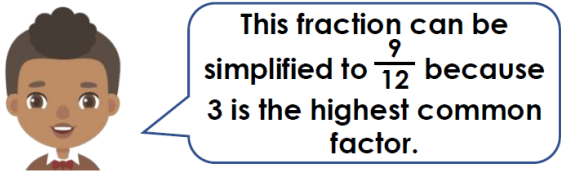


<p>Every day</p>	<ul style="list-style-type: none"> • Arrive at school on time • Wear the right uniform, or talk to my teacher if I don't have it on • Have a positive attitude to learning! 				
<p>Every week</p>	<ul style="list-style-type: none"> • Complete my homework by Wednesday each week • Read at home at least three times, and record this in my homework diary • Learn my spellings • Practice my weekly maths facts • The PE days for each class are as below: <table border="1" data-bbox="424 1720 1131 1868"> <tr> <td data-bbox="424 1720 778 1827">Walnut</td> <td data-bbox="778 1720 1131 1827">Monday (swimming term 1) & Tuesday</td> </tr> <tr> <td data-bbox="424 1827 778 1868">Willow</td> <td data-bbox="778 1827 1131 1868">Monday & Thursday</td> </tr> </table>	Walnut	Monday (swimming term 1) & Tuesday	Willow	Monday & Thursday
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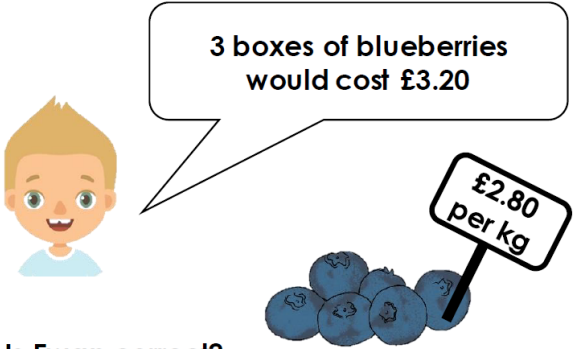
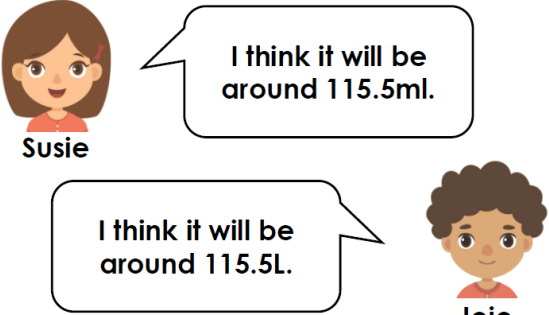
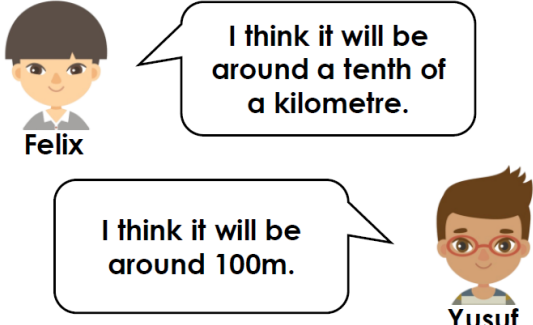
Homework

Week commencing	Topic based skills homework	Spellings	Maths									
<p>Autumn</p> <p>1</p> <p>Week 1</p> <p>5-9th September 2022</p>	<p>Our Learning for Summer given out on Friday</p>											
<p>Week 2</p> <p>12th -16th September 2022</p> <p>Homework due on Wednesday 14th September 2022</p>	<p>History: What was happening in the England in 200BC? (the beginning of the Ancient Civilisation) Use what you know from year 3 and 4 to write a short description of life in the UK at that time.</p>	List 1	<p>Look for examples of how negative numbers are used in real life – record them. You could use weather reports for cold places or storage instructions for food OR</p> <p>6a. Using the digit cards below, create three pairs of 7-digit numbers.</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; padding: 5px; margin: 2px;"> </div> <div style="border: 1px solid black; padding: 5px; margin: 2px;">2</div> <div style="border: 1px solid black; padding: 5px; margin: 2px;">0</div> <div style="border: 1px solid black; padding: 5px; margin: 2px;"> </div> <div style="border: 1px solid black; padding: 5px; margin: 2px;">5</div> <div style="border: 1px solid black; padding: 5px; margin: 2px;"> </div> <div style="border: 1px solid black; padding: 5px; margin: 2px;">6</div> </div> <p>Your numbers must have a difference between one million and three million. Each digit card can only be used once per number.</p> <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 10px;"> <div style="border: 1px solid black; padding: 5px; margin: 2px;">1</div> <div style="border: 1px solid black; padding: 5px; margin: 2px;">3</div> <div style="border: 1px solid black; padding: 5px; margin: 2px;">4</div> <div style="border: 1px solid black; padding: 5px; margin: 2px;">7</div> <div style="border: 1px solid black; padding: 5px; margin: 2px;">8</div> <div style="border: 1px solid black; padding: 5px; margin: 2px;">9</div> </div>									
<p>Week 3</p> <p>19th – 23rd September 2022</p> <p>Homework due on Wednesday 21st September</p>	<p>Science: Draw three different electrical circuits using the scientific symbols.</p>	List 2	<p>Practise column methods for addition and subtraction using up to 7 digits. How many can you do in 15 minutes? OR</p> <p>4b. Susie and Emma are comparing their income.</p> <table border="1" style="width: 100%; text-align: center; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;"></th> <th style="width: 35%;">Earnings</th> <th style="width: 35%;">Bonus</th> </tr> </thead> <tbody> <tr> <td>Susie</td> <td>£32,056</td> <td>£5,099</td> </tr> <tr> <td>Emma</td> <td>£30,837</td> <td>£10,865</td> </tr> </tbody> </table> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="text-align: center;">  Susie </div> <div style="border: 1px solid black; border-radius: 15px; padding: 10px; width: 60%;"> You earned less money altogether than me because my earnings were higher. </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="border: 1px solid black; border-radius: 15px; padding: 10px; width: 60%;"> I earned more money because my bonus was more than double the amount of yours. </div> <div style="text-align: center;">  Emma </div> </div> <p>Who is correct? Explain why.</p>		Earnings	Bonus	Susie	£32,056	£5,099	Emma	£30,837	£10,865
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<p>Week 4</p> <p>26th – 30th September 2022</p> <p>Homework due on Wednesday</p>	<p>History: Find out what was invented during the Ancient Greek times. Choose an item you find interesting and make a fact sheet which includes pictures.</p>	List 3	<p>Practise using the formal method for multiplication using ThHTU x TU. How many can you do in 15 minutes? OR</p>									

<p>28th September 2022</p>			 <p>Is he correct?</p> <p>Explain how you know, using examples to help you.</p>
<p>Week 5 3rd – 7th October 2022</p> <p>Homework due on Wednesday 5th October 2022</p>	<p>RE: Choose a place of worship to find out about. You can choose the religion. How is it used and why? What makes it special? Present your findings as a poster; drawing and labelling the chosen place.</p>	<p>List 4</p>	<p>Practise formal methods for division – explain your method for long and short division. Use the inverse to check your answers. OR</p> <p>4b. The answer to a subtraction calculation using two 6-digit numbers is 130,509.</p> <p>For one of the numbers, the tens digit is odd.</p> <p>What could the calculation be?</p>
<p>Week 6 10th – 14th October 2022</p> <p>Homework due on Wednesday 12th October 2022</p>	<p>History: Find out about Alexander the Great. What made him so great? Write a short biography of his life or create a timeline for him.</p>	<p>List 5</p>	<p>Write and solve problems including multi-step problems requiring more than one operation to solve. eg Jasper bought 8 books about animals, 9 books about outer space, and 8 books about trains. Each book cost £7. How much did Jasper spend on the books? OR</p> <p>6b. Jazmin chooses a number between 200,000 and 300,000. She subtracts 123,468 and then adds 156,812. Her answer is 274,216.</p>  <p>Is Jazmin correct? Explain your answer.</p>
<p>Week 7 17th – 21st October 2022</p> <p>Homework due on Wednesday 19th October 2022</p>	<p>French:</p> <p>Write a short list of what you'd order in a French café</p>	<p>List 6</p>	<p>Make a poster explaining how to simplify fractions. OR</p>

			<p>5b. Shelly has drawn some equivalent fractions.</p> <p>A. </p> <p>B. </p> <p>Find and explain any mistakes.</p>
<p>HALF TERM 30/05/22 – 3/06/22</p>	<p>Half Term Project Make a Greek Myth into a picture book. You can choose one of the existing myths or you can make up your own based on what you've learnt.</p>		
<p>Autumn 2 Week 8</p> <p>31st – 4th November</p> <p>INSET DAY 31st October 2022</p> <p>Homework due on Wednesday 2nd November</p>	<p>Put the finishing touches onto your half term project!</p>	<p>List 7</p>	<p>Discuss how timetables are used for planning journeys with a family member. Look at examples and plan and/or make a journey using them. <u>OR</u> Give 2 possible values for A and B.</p> <p></p>
<p>Week 9</p> <p>7th – 11th November</p> <p>Homework due on Wednesday 9th November</p>	<p>Geography: Choose one of the Greek Islands to focus on. Find out about: the physical features, the population, the climate, the lifestyle and what is on offer to tourists. Present your information as a poster including an outline sketch of the island as a map.</p>	<p>List 8</p>	<p>Look for examples of fractions in real life. Record these and write your own problems using them. Think about food and recipes. Record examples. <u>OR</u> 5b. At a meeting of 54 adults, 42 are men. Represent this as a simplified fraction. What fraction of the adults are women? Give the answer in its simplest form.</p>

<p>Week 10</p> <p>14th – 18th November 2022</p> <p>Homework due on Wednesday 16th November</p>	<p>Life Skills: How do the following things help our mental and physical well-being? Sleep, Movement and Eating well</p> <p>Create a guide to help people understand what they can do to improve their physical and mental health through these areas.</p>	<p>List 9</p>	<p>Multiply simple pairs of proper fractions – record your answers in their simplest forms. Can you complete 5 examples in 20 minutes? OR</p> <p>6b. Jerome says,</p> <div data-bbox="911 331 1474 501">  </div> <div data-bbox="1011 533 1366 663">  </div> <p>Is he correct? Prove it.</p>
<p>Week 11</p> <p>21st – 25th November</p> <p>Homework due on Wednesday 23rd November</p>	<p>Book Review: Read a book of your choice at home and write a book review on it.</p> <p>Remember to include:</p> <p>Title of the book Author's name Characters</p> <ul style="list-style-type: none"> Who are they? Setting <p>Plot</p> <ul style="list-style-type: none"> Give a summary of the plot - write a paragraph on what happened in the story <p>Your opinion of the book</p> <ul style="list-style-type: none"> Did you like the book? What was your favourite part and why? Were there any funny or scary bits in the story? <p>Recommendation</p> <ul style="list-style-type: none"> Would you recommend this book to others? Why / why not? <p>Star rating out of 5.</p>	<p>List 10</p>	<p>Look for examples of fractions, decimals and percentages in newspapers, magazines or on websites - record them and show equivalences if you can.</p> <p>5b. Using the cards below, create 3 different comparison statements.</p> <div data-bbox="943 1178 1442 1581">  </div>
<p>Week 12</p> <p>28th – 2nd December</p> <p>Homework due on Wednesday 30th November</p>	<p>Geography: Draw a diagram to show what happens when a volcano erupts.</p>	<p>List 11</p>	<p>Use a supermarket receipt or similar to record prices of everyday objects in £ and p. Multiply these by 10, 100 and 1000. OR</p>

			<p>6b. A box of blueberries weighs 500g.</p>  <p>Is Ewan correct? Explain how you know.</p>
<p>Week 13</p> <p>5th – 9th December</p> <p>Homework due on Wednesday 7th December</p>	<p>French: Write or act out a conversation between 2 friends discussing what their favourite lessons are at school.</p>	<p>List 12</p>	<p>Use coordinates in the four quadrants to play Battleships. Ask your teacher for a full coordinate grid. OR</p> <p>5a. The children are estimating how much water is needed to fill a bath.</p>  <p>Who do you agree with and why?</p>
<p>Week 14</p> <p>12th – 16th December</p> <p>Homework due on Wednesday 14th December</p>	<p>Your choice: Choose your favourite area of learning from the term and create a poster to teach someone else about it.</p>	<p>List 13</p>	<p>Shape challenge. Using a picture book, try to recreate a scene but only using rectilinear 2D shapes. Don't forget to use a ruler! OR</p> <p>8b. The children are estimating the length of the playground.</p>  <p>Who do you agree with and why?</p>
<p>Christmas holidays begin on Tuesday 20th December at 1.30pm</p>			

Your topic homework not be marked, but will be celebrated in class. Your spellings will be tested every week in school, so that you can see how you are improving. The maths facts you have learnt 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!

Autumn Term 1						
List 1	List 2	List 3	List 4	List 5	List 6	List 7
suffix recap - sion	suffix recap - cian	suffix recap - ful	suffix recap - ity	suffix recap - ness	suffix recap - ship	-ible
expansion extension comprehensi on tension corrosion supervision fusion conclusion persuasion suspension prejudice privilege	musician politician electrician magician mathematicia n dietician statistician technician clinician beautician profession programme	boastful faithful doubtful fearful thankful beautiful pitiful plentiful fanciful merciful pronunciation queue	community curiosity ability visibility captivity activity eternity flexibility possibility sensitivity recognise recommend	happiness hardness madness nastiness silliness tidiness childishness willingness carelessness foolishness relevant restaurant	membership ownership partnership dictatorship ownership craftsmanship fellowship apprenticeshi p citizenship sponsorship rhyme rhythm	possible horrible terrible visible incredible sensible Forcible Legible responsible reversible sacrifice secretary
Y4 1B W1	Y4 1B W4	Y5 3B W4	Y5 2A W1	Y5 2A W2	Y5 2A W3	Y6 3A W5
Autumn Term 2						
List 8	List 9	List 10	List 11	List 12	List 13	
-able	-ibly	-ably	homophones	homophones	'se' or 'ce'	
applicable tolerable operable considerable dependable comfortable reasonable perishable breakable fashionable shoulder signature	possibly horribly terribly visibly incredibly sensibly forcibly legibly responsibly reversibly sincere sincerely	adorably valuably believably considerably tolerably changeably noticeably dependably comfortably reasonably solider stomach	stationary stationery steal steel wary weary who's whose fate fete sufficient suggest	farther father guessed guest heard herd led lead mourning morning symbol system	advice advise device devise licence license practice practise prophecy prophecy temperature thorough	
Y6 1B W1	Y6 3A W6	Y6 1B W3	Y5 2A W4	Y5 1A W6	Y6 1A W2	