New Town Primary School

Our Learning: Year 6 - Autumn Term 2023

Willow and Walnut Classes

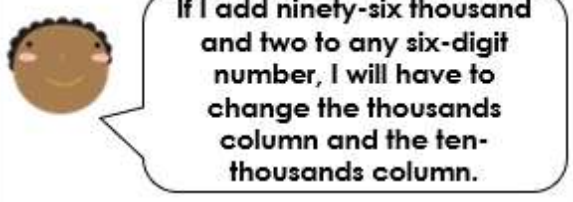|	Learning at school	Learning at home
English	This term we will start off by using Anglo Saxon boy as a stimulus for writing. We will write reports, speeches and a narrative using the text. We will then use Letters From the Lighthouse as a stimulus, contiuining to develo our writing skills through a range of writing. 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.	• 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	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.	• 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.

Our topic work	In **history** will focus on the power struggle for the throne in 1066. We will look at why Britain was an attractive target for the Vikings and consider what sources tell us about how the Vikings were viewed by the Anglo Saxons. We will look at Alfred the Great and consider his role in the power balance at the time then look at the consequences of Edward the Confessor's death and how it changed the course of history. In the second part of the term we will move onto World War Two and its impact on Britain. We will look at the turning point during the war and how victory was achieved by the allies as well as how childhood changed during this period. In **art** we will be exploring a selection of paintings through art appreciation activities. Then collecting ideas in sketchbooks and planning for a final piece after researching the life, techniques and artistic intentions of an artist that interests them. 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. In French we will be learning about how to talk about school and the subjects we enjoy. In RE we will be learning about the key beliefs in Hinduism, Buddhism and Islam with a focus key areas of belief. During **PE** lessons we will be developing our skills through tennis and gymnastics.	• Research Hinduism, Buddhism and Islam by reading up about the these religions. • Find out what you can about the Battle of Hastings using books and safe online searches. • 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 applicances use the most and the least electricity? What are the best ways to conserve electricity at home? **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.**
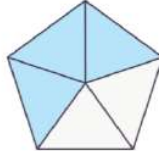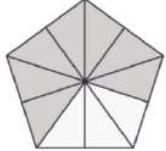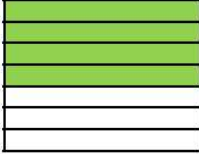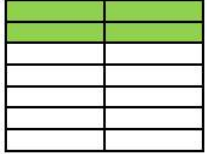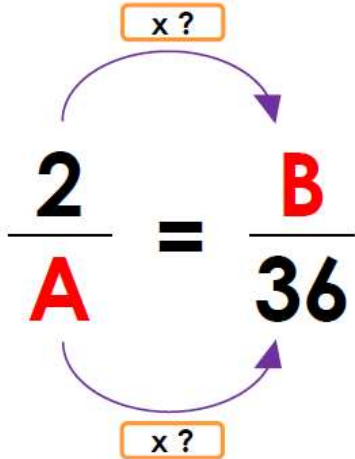
Our class expectations
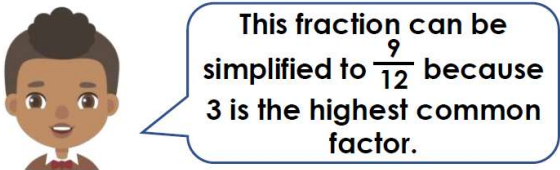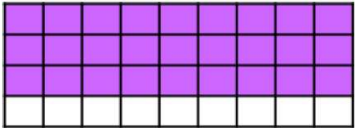
Every day	• Arrive at school on time • Wear the right uniform, or talk to my teacher if I don't have it on • Have a positive attitude to learning!
Every week	• Complete my homework by Wednesday each week • Read at home at least three times, and record this in my homework diary • Learn my spellings • Practice my weekly maths facts • The PE days for each class are as below: <table><tr><td>Walnut</td><td>Monday (indoor) Thursday (outdoor)</td></tr><tr><td>Willow</td><td>Tuesday (indoor) Friday (outdoor)</td></tr></table>
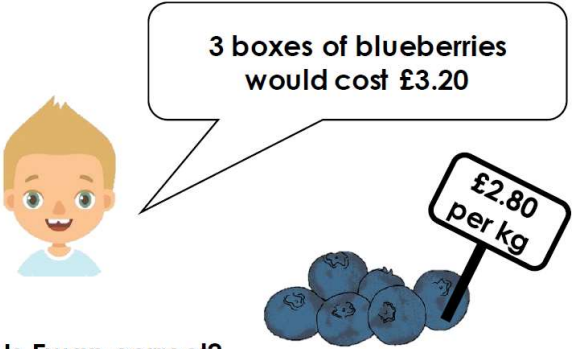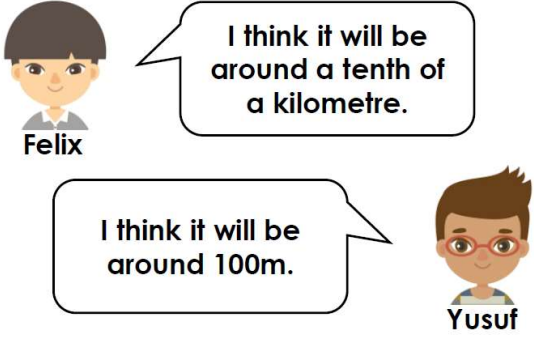
Homework

Week commencing	Topic based skills homework	Spellings	Maths
Autumn 1 **Week 1** 4-8th September 2023	**Our Learning for autumn given out this week**	List 1	
Week 2 11th -15th September 2023 **Homework due on Wednesday 1th September 2023**	**History:** What do you already know about the Anglo Saxons? Find out what Anglo Saxon life was like and whether there were any Anglo Saxons in Reading.	List 2	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** **6a. Using the digit cards below, create three pairs of 7-digit numbers.** [, 2 0 , 5 6] Your numbers must have a difference between one million and three million. Each digit card can only be used once per number. [1 3 4 7 8 9]
Week 3 18th – 22rd September 2023 **Homework due on Wednesday 20th September**	**Science:** Draw three different electrical circuits using the scientific symbols.	List 3	Practise column methods for addition and subtraction using up to 7 digits. How many can you do in 15 minutes? **OR** **4b. Susie and Emma are comparing their income.** |	Earnings	Bonus
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Susie	£32,056	£5,099
Emma	£30,837	£10,865	 Susie: You earnt less money altogether than me because my earnings were higher. Emma: I earnt more money because my bonus was more than double the amount of yours. Who is correct? Explain why.
Week 4 25th – 29th September 2023 **Homework due on Wednesday**	**History:** Find out about Alfred the Great. What was his life like, what did he achieve and why do we remember him? You can present this as a biography or a poster.	List 4	Practise using the formal method for multiplication using ThHTU x TU. How many can you do in 15 minutes? **OR**

27th September 2023			If I add ninety-six thousand and two to any six-digit number, I will have to change the thousands column and the ten-thousands column. Is he correct? Explain how you know, using examples to help you.
Week 5 2nd – 6th October 2023 **Homework due on Wednesday 4th October 2023**	**RE: Find out which religious charities are working within our communuty and how they make a difference. You can present this as an information text or a poster.**	List 5	Practise formal methods for division – explain your method for long and short division. Use the inverse to check your answers. **OR** 4b. The answer to a subtraction calculation using two 6-digit numbers is 130,509. For one of the numbers, the tens digit is odd. What could the calculation be?
Week 6 9th – 13th October 2023 **Homework due on Wednesday 11th October 2023**	**History:** Choose an image of a person from the Bayeux Tapestry. Write a short story or a diary entry about them at a certain point of their journey. Consider the events that have taken place already and their feelings about it. https://www.bayeuxmuseum.com/en/the-bayeux-tapestry/	List 6	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** 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. My starting number is 230,872. Is Jazmin correct? Explain your answer.
Week 7 16th – 20st October 2022 **Homework due on Wednesday 18th October 2023**	**French:** Write a short list of what you'd order in a French café	List 7	Make a poster explaining how to simplify fractions. **OR**

			5b. Shelly has drawn some equivalent fractions. A. = B. = Find and explain any mistakes.
HALF TERM	**Half Term Project: Create a comic book about some of the battles you have learnt about. Include illustrations, speech and captions.**		
Autumn 2 Week 8 30th – 3rd November **INSET DAY 30th October 2023** **Homework due on Wednesday 1st November**	Put the finishing touches onto your half term project!	List 8	Discuss how timetables are used for planning journeys with a family member. Look at examples and plan and/or make a journey using them. **OR** Give 2 possible values for A and B. $$\frac{2}{A} = \frac{B}{36}$$
Week 9 6th – 10th November **Homework due on Wednesday 8th November**	**History:** Find out what you can about World War Two. Which countries were involved, why did it start, what was the outcome, what were they key events? You can either focus on one aspect in depth or find out some general information about lots of aspects. https://www.bbc.co.uk/bitesize/topics/zk94jxs/articles/z6vff82	List 9	Look for examples of fractions in real life. Record these and write your own problems using them. Think about food and recipes. Record examples. **OR** 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.

Week 10 13th – 17th November 2023 **Homework due on Wednesday 15th November**	**Life Skills:** How do the following things help our mental and physical well-being? Sleep, Movement and Eating well Create a guide to help people understand what they can do to improve their physical and mental health through these areas.	List 10	Multiply simple pairs of proper fractions – record your answers in their simplest forms. Can you complete 5 examples in 20 minutes? **OR** 6b. Jerome says, This fraction can be simplified to $\frac{9}{12}$ because 3 is the highest common factor. Is he correct? Prove it.
Week 11 20st – 24th November **Homework due on Wednesday 22nd November**	**Book Review:** Read a book of your choice at home and write a book review on it. Remember to include: Title of the book Author's name Characters • Who are they? • Setting Plot • Give a summary of the plot - write a paragraph on what happened in the story Your opinion of the book • Did you like the book? • What was your favourite part and why? • Were there any funny or scary bits in the story? Recommendation • Would you recommend this book to others? • Why / why not? Star rating out of 5.	List 11	Look for examples of fractions, decimals and percentages in newspapers, magazines or on websites - record them and show equivalences if you can. 5b. Using the cards below, create 3 different comparison statements. 3.3kg 3,500g 3.9kg < >
Week 12 27th – 1st December **Homework due on Wednesday 29th November**	**Science:** Think about what we need to keep our bodies healthy and strong. Either write an information text or design an eye-catching poster advising people how to stay healthy.	List 12	Use a supermarket receipt or similar to record prices of everyday objects in £ and p. Multiply these by 10, 100 and 1000. **OR**

			6b. A box of blueberries weighs 500g. 3 boxes of blueberries would cost £3.20 £2.80 per kg Is Ewan correct? Explain how you know.
Week 13 4th – 8th December **Homework due on Wednesday 6th December**	**French:** Write or act out a conversation between 2 friends discussing what their favourite lessons are at school.	List 13	Use coordinates in the four quadrants to play Battleships. Ask your teacher for a full coordinate grid. **OR** 5a. The children are estimating how much water is needed to fill a bath. Susie: I think it will be around 115.5ml. Jojo: I think it will be around 115.5L. Who do you agree with and why?
Week 14 11th – 15th December **Homework due on Wednesday 13th December**	Your choice: Choose your favourite area of learning from the term and create a poster to teach someone else about it.	List 14	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** 8b. The children are estimating the length of the playground. Felix: I think it will be around a tenth of a kilometre. Yusuf: I think it will be around 100m. Who do you agree with and why?
	Christmas holidays begin Wednesday 20th December at 1.30pm		

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!

	Weeks						
Autumn 1	1. Common Words – Words children are expected to spell correctly at all times.	2. Statutory word list and adding prefixes and suffixes to these where appropriate	3. Homophones and other words that are often confused	4. Suffixes –*able* and –*ible*	5. Endings which sound like /ʃəs/ spelt –*cious* or –*tious*	6. Suffixes which sound like /ʃəl/ - *cial*	7. Review and assessment of spelling taught this half term.
	don't	muscle	device	adorable	vicious	official	like
	want	nuisance	devise	tolerable	suspicious	partial	muscle
	something	opportunity	license	noticeable	nutritious	martial	device
	why	physical	father	comfortable	ambitious	racial	noticeable
	who	profession	prophesy	enjoyable	spacious	presidential	vicious
	went	necessary	licence	applicable	conscious	special	people
	children	occupy	farther	changeable	fictitious	confidential	necessary
	thought	parliament	prophecy	legible	cautious	crucial	licence
	friends	prejudice	morning	understandable	conscious	prudential	legible
	too	programme	mourning	reasonable	infectious	social	conscious
	with	neighbour	principal	considerable	malicious	artificial	children
	people	occur	principle	forcible	infectious	essential	neighbour
	school	persuade	precede	dependable	precious	torrential	principal
	because	privilege	proceed	reliable	gracious	beneficial	dependable
	house	pronunciation	profit	possible	vivacious	glacial	malicious
	said	queue	prophet	considerable	fictitious	commercial	official
	through	recognise	wary	horrible	delicious	initial	special
	water	recommend	weary	sensible	tenacious	partial	partial
Autumn 2	1. Statutory word list and adding prefixes and suffixes to these where appropriate	2. Words ending in –*ant,* –*ance*/–*ancy,* –*ent, –ence*/-*ency*	3. Adding suffixes beginning with vowel letters to words ending in –*fer*	4. Use of the hyphen	5. Words with the /i:/ sound spelt ie normally and ei after c	6. Review Endings which sound like /ʃəs/ spelt –*cious* or –*tious*	7. Review and assessment of spelling taught this half term.

	rhyme	observant	referring	co-ordinate	grief	vicious	suspicious
	secretary	hesitant	preferring	co-own	pierce	suspicious	nutritious
	sincere(ly)	tolerance	transferred	ultra-ambitious	pier	nutritious	ambitious
	sufficient	decent	preference	re-enact	conceive	ambitious	decency
	system	frequency	suffering	re-cover	ceiling	spacious	co-ordinate
	rhythm	observance	referred	re-enter	brief	conscious	rhythm
	shoulder	hesitancy	preferred	pre-existing	fierce	fictitious	thorough
	soldier	innocent	reference	pre-recorded	patient	cautious	observant
	suggest	decency	transference	co-worker	receive	conscious	referring
	temperature	confident	differing	re-educate	protein	infectious	re-enter
	sacrifice	expectant	referral	co-operate	mischief	malicious	sacrifice
	signature	tolerant	transferring	de-emphasise	niece	infectious	innocent
	stomach	innocence	referee	re-edit	deceive	precious	observance
	symbol	frequent	different	co-pilot	perceive	gracious	different
	thorough	confidence	inferred	pre-date	seize	vivacious	pre-existing
	twelfth	assistant	suffered	pre-election	glacier	fictitious	fierce
	variety	assistance	conferring	pre-print	thief	delicious	niece
	vegetable	obedient	offered	re-form	friend	tenacious	ceiling