

New Town Primary School
 Our Learning: Year Four - Autumn Term 2022-23
 Hazel and Hornbeam


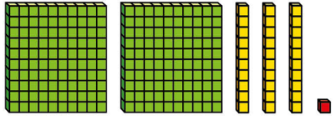

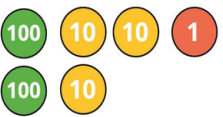
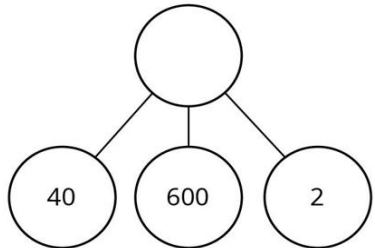


	Learning at school	Learning at home
English	<p>We will be focusing on writing a narrative story this term using the Disney animated short film "The Feast" as a stimulus for writing. After this, we will be writing a non-fiction holiday brochure based upon Skara Brae, the Stone Age Village. We will be focussing on using 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, 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.</p>	<ul style="list-style-type: none"> • Challenge yourself to explore new authors or a different genre of book to what you usually choose. You could share your new discovery with a sibling or classmate. • Listening to the news: can you bring in an interesting news item to present to the class? CBBC Newsround has a YouTube channel you could enjoy! • Read a book at home - this could be one of your own, or your school reading book. Write a short book review outlining: What the book was about Your favourite characters What you liked about the book. Why would you recommend it to others? Present this in an eye-catching manner and it will be displayed in our class reading area!
Maths	<p>We will begin the term by revising our understanding of place value and partitioning numbers up to 10,000 before moving onto Roman Numerals. We will learn how to add, subtract, multiply and divide four digit numbers, using formal written methods. We will use our reasoning and problem solving skills to answer mathematical questions relating to place value and the four operations. There will be a focus on fast mental recall and use of multiplication and division facts for multiplication tables up to 12 × 12.</p>	<ul style="list-style-type: none"> • Revise your number bonds up to 20, 50 and 100. • Practice your times tables up to 12 x 12 – all children have a TT Rock Stars account to support this which can be accessed from: https://play.ttrockstars.com/auth/school/student/70062 • If you are unsure about using TTRS, please contact the school and we will be happy to assist. • Use 'Hit the Button' to practice their Times Tables. https://www.topmarks.co.uk/maths-games/hit-the-button • Remember, there is a standardised times table test at the end of Year 4. This test will primarily focus on the 6, 7, 8, 9, 11 and 12 times tables. • We will be checking weekly, to see your child's progress on TT Rock Stars.

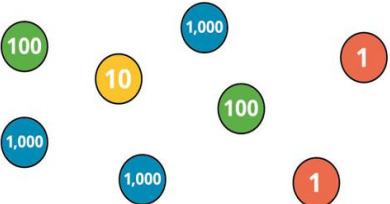
<p>Topic</p>	<p>In Autumn One, our topic focuses on Ancient Britain and we begin this by considering the changes to Britain and Europe since the last Ice Age and the different groups of people who came to Britain in the Neolithic period. We will consider the monuments of these people such as Stonehenge and Skara Brae. In our Science lessons, we will be exploring electricity. We will investigate which appliances use mains electricity and which use batteries as their main power source. We will be learning about electrical circuits, using wires and cells to make a light bulb light up! In RE we will be learning about Hinduism. We will learn about Gods, key beliefs, daily life, rites of passage, pilgrimages and holy places. During PE lessons we will be developing our stretching and game playing skills through gymnastic and tennis.</p>	<ul style="list-style-type: none"> • Research Hinduism or take a virtual visit to a Hindu temple using the BBC Teach website to explore the Hindu culture. https://www.bbc.co.uk/teach/class-clips-video/religious-studies-ks2-my-life-my-religion-hinduism-inside-hindu-temple/zbf2t39 • Practice using the topic vocabulary by sharing your learning with your family - show off your knowledge organiser and explain what you have learnt. • Research our topics using the information in your knowledge organiser, books and internet searches to find out extra information that you could share during our class discussions. • 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.
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Our class expectations

<p>Every day</p>	<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!
<p>Every week</p>	<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. Hazel – Wednesday and Thursday Hornbeam – Monday and Friday • Practice weekly times table ready for maths facts test on Friday.

Homework

Week commencing	Topic based skills homework	Spellings	Maths
05/09/22	<p>History</p> <p>Use your knowledge organiser to answer the following questions.</p> <ul style="list-style-type: none"> - What three periods of time came up during the stone age? Can you write a short sentence to describe each? - What is Skara Brae? - What were the new arrivals to Britain during the Bronze Age called? - What did Bronze Age people make tools from? - What were the names of typical Iron Age homes? 		<p>10x tables and division facts up to 12</p> <p>Challenge: Whitney and Dexter have each made a number.</p> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;">  <p>Whitney</p>  </div> <div style="text-align: center;">  <p>Dexter</p>  </div> </div> <p>What numbers have they made? What is the same about their numbers? What is different?</p>
12/09/22	<p>ICT</p> <p>Think about e-safety and what you have previously learnt and consider why is it so important to stay safe online? Create an eye-catching E-Safety poster for how to stay safe online. Include information such as: What should you do in order to stay safe? – think SMART What information you should / should not share with others? Include a title and some pictures on your poster</p>	List 1	<p>5x tables and division facts up to 12</p> <p>Challenge:</p> <div style="text-align: center;">  </div> <div style="text-align: center; margin-top: 20px;">  <div style="border: 1px solid black; border-radius: 50%; padding: 10px; display: inline-block; margin-left: 20px;"> <p>The whole is 462</p> </div> </div> <p>Explain the mistake that Tiny has made. What is the whole?</p>
19/09/22	<p>Art</p> <p>Use the skills you have learnt in class to draw an animal of your choice using geometric shapes. Try and replicate the prehistoric style of cave art drawn during the Stone Age. Add colour to your animal appropriate to pre-history tones (earthy colours – red, brown, yellow)</p>	List 2	<p>2x tables and division facts up to 12</p> <p>Challenge: Tiny is counting back in 1,000s from 8,000</p> <div style="text-align: center; margin-top: 20px;">  <div style="border: 1px solid black; border-radius: 50%; padding: 10px; display: inline-block; margin-left: 20px;"> <p>8,000, 7,900, 7,800, 7,700 ...</p> </div> </div> <p>What mistake has Tiny made?</p>

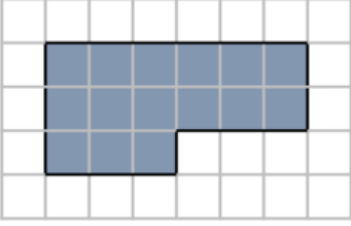
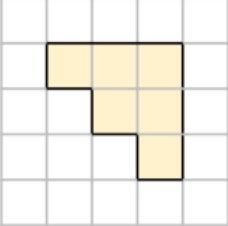
<p>26/09/22</p>	<p>RE Using your knowledge organiser, answer the following questions about Hinduism.</p> <ul style="list-style-type: none"> - Where did the religion of Hinduism originate? - Who is the main God in Hinduism? - What are the three forms that Brahman can take? What are these called as a collective? - Can you write down three things Hindus believe? - What animal is sacred to Hindus? - What is the name of the most famous Hindu pilgrimage? - Where does it take place? 	<p>List 3</p>	<p>3x tables and division facts up to 12</p> <p>Challenge:</p> <p>Aisha is making 3,512 with place value counters.</p>  <p>What other place value counters could she add to make 3,512?</p>
<p>03/10/22</p>	<p>Science Electricity: Investigate different electrical appliances in your home. List all the appliances you can find that are mains operated and those that are battery operated. Do any of them use both? Count how many light switches you have in your home. How many different types of switches can you find? Write a summary or draw pictures of your findings.</p>	<p>List 4</p>	<p>4x tables and division facts up to 12</p> <p>Challenge:</p> <p>Practice using column method to add four digit numbers. You could write digits 0-9 on scrap paper and randomly select numbers to create your sums. See how many you can complete in 10 minutes!</p>
<p>10/10/22</p>	<p>Reading Read a book of your choice at home (or from the school library) and write a book review for it – this could be presented as a poster or written in paragraphs in your homework book. Make sure you include:</p> <ul style="list-style-type: none"> • Title of the book • Authors name • Characters – Who are they? Did you like them? • Plot – What happened? • 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. 	<p>List 5</p>	<p>8x tables and division facts up to 12</p> <p>Challenge:</p> <p>Practice using column method to subtract four digit numbers. Ask an adult or sibling to give you random numbers to create your sums. See how many you can complete in 10 minutes!</p>



<p>17/10/22</p>	<p>English Learn the poem from your English Knowledge Organiser to perform as part of a group to the class. Focus on speaking clearly and projecting your voice for the best performance!</p>	<p>List 6</p>	<p>2x tables and division facts up to 12 4x tables and division facts up to 12 (take note of the connection between these timetables)</p> <p>Challenge: What is the missing 4-digit number?</p> <table border="1" data-bbox="1193 472 1517 748"> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td>Th</td><td>H</td><td>T</td><td>O</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td>+</td><td>6</td><td>3</td><td>9</td><td>5</td></tr> <tr><td></td><td></td><td>8</td><td>9</td><td>4</td><td>9</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>									Th	H	T	O								+	6	3	9	5			8	9	4	9												
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<p>HALF TERM: 24/10/20</p>	<p>Enjoy your holiday!</p>		
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<p>31/10/20</p>	<p>Life Skills List a range of physical activities that you can do to keep your body healthy. Practice doing each activity on your list and write a short sentence to describe the impact on your body. - Which part of your body worked the most during the activity? - Did you feel out of breath doing the activity? - How many repeats could you do before you got too tired? - How did your body feel after doing the activity?</p>	<p>List 7</p>	<p>4x tables and division facts up to 12 8x tables and division facts up to 12 (take note of the connection between these timetables)</p> <p>Challenge: Fill in the missing digits.</p> <table border="1" data-bbox="1209 1234 1497 1480"> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td>Th</td><td>H</td><td>T</td><td>O</td></tr> <tr><td></td><td></td><td>9</td><td>9</td><td>9</td><td>9</td></tr> <tr><td></td><td>-</td><td></td><td></td><td>8</td><td></td></tr> <tr><td></td><td></td><td></td><td>3</td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table> <p>Compare answers with a partner. Can you find any more?</p>									Th	H	T	O			9	9	9	9		-			8					3														
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<p>07/11/22</p>	<p>History Research the Bell Beaker people / culture and how this influenced life in Bronze Age Britain. What archaeological evidence do we have from this time? Present your findings in an information booklet, try to include a sketch or image of their iconic pottery. You could use this link to find out more: https://kids.kiddle.co/Beeper_culture</p>	<p>List 8</p>	<p>3x tables and division facts up to 12</p> <p>Challenge: The children are estimating the answer to $4,502 - 1,414$</p> <div data-bbox="879 1783 1538 2024"> <p>Jack: $4,000 - 1,000 = 3,000$</p> <p>Ron: $4,500 - 1,400 = 3,100$</p> <p>Sam: $5,000 - 1,000 = 4,000$</p> </div> <p>Which children have rounded correctly? What mistake has been made? Whose calculation was easiest? Whose estimate was most accurate?</p>
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<p>14/11/22</p>	<p>Science Get a mirror and have a good look inside your mouth at your teeth. Count how many you have. Are any wobbly? How many milk teeth do you have versus how many adult teeth? Which ones are incisors, canines and molars? Can you draw and label a picture of your teeth?</p> <p><u>Challenge</u> – listen to your favourite song and brush your teeth for as long as its playing (around 2 minutes). Can you make a promise to do this twice a day – EVERY day?!</p>	<p>List 9</p>	<p>4x tables and division facts up to 12</p> <p>Challenge: Work out the calculation, giving your answer in Roman numerals.</p> <div style="border: 1px solid black; background-color: yellow; padding: 5px; width: fit-content; margin: 10px auto;"> $XIV + XXXVI$ </div> <p>Make up some other calculations using Roman numerals that have the same answer.</p>
<p>21/11/22</p>	<p>Art Research the features of different types of house throughout the Stone Age – think about what houses looked like in the Palaeolithic, Mesolithic and Neolithic periods. Draw a diagram of each type of house and write a short summary about the similarities and differences you notice.</p>	<p>List 10</p>	<p>8x tables and division facts up to 12</p> <p>Challenge: What is the area of each shape?</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>_____</p> <p>squares</p> </div> <div style="text-align: center;">  <p>_____</p> <p>squares</p> </div> </div>
<p>28/11/22</p>	<p>RE Research Hindu pilgrimages and holy places. Present your findings in a format of your choice – poster, power point, information booklet etc.</p> <ul style="list-style-type: none"> • What is a pilgrimage? • Where do Hindu's go on their pilgrimage? • Why is this an important journey for a Hindu? • What are the rituals to carry out the pilgrimage? 	<p>List 11</p>	<p>2x tables and division facts up to 12 4x tables and division facts up to 12 (take note of the connection between these timetables)</p> <p>Challenge: Use your knowledge of the commutative law to rearrange three addition and three multiplication questions. How many different ways can you rearrange each equation?</p>
<p>05/12/22</p>	<p>Reading Read a book of your choice at home (or from the school library) and write a book review for it – this could be presented as a poster or written in paragraphs in your homework book. Make sure you include:</p> <ul style="list-style-type: none"> • Title of the book • Authors name • Characters – Who are they? Did you like them? • Plot – What happened? 	<p>List 12</p>	<p>4x tables and division facts up to 12 8x tables and division facts up to 12 (take note of the connection between these timetables)</p> <p>Challenge:</p>

	<ul style="list-style-type: none"> 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. 		<p>Leon makes an array using counters. Part of the array is covered.</p>  <p>Write down a multiplication that the array shows.</p> <p style="text-align: center;"> <input type="text"/> × <input type="text"/> </p> <p>How many counters are in the array?</p>
12/12/22	<p>Maths Create a multiplication game and write instructions for other children in class to follow and play. For example:</p> <ul style="list-style-type: none"> Snakes and ladders Bingo boards Loop cards 	Revise the spellings that you found the hardest from the spelling lists	<p>Revise 10,5,2,3,4,8 timetables up to 12</p> <p>Challenge:</p> <p>Log on to TTRockstars, complete 5 rounds of soundcheck. Can you get more than your last score?</p> 
CHRISTMAS HOLIDAY	Enjoy your holidays!		

Your topic homework not be 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.

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!

Spelling lists for the Autumn Term

Year 4

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
minute	helping	drop	carry	blow	quick
eight	asking	dropped	carries	blew	quicker
island	seeing	hum	marry	throw	quickest
calendar	saying	hummed	marries	threw	great
grammar	hope	mop	tries	sing	greater
paragraph	hoping	mopped	tried	sang	greatest
dictionary	write	disgusting	hisses	think	late
library	writing	disgusted	buzzes	thought	later
knowledge	hop	benefit	spy	eat	nice
material	hopping	benefitted	spied	ate	nicest
nephew	decide	quarrel	advertise	speak	slimmer
weary	deciding	quarrelled	advertising	spoke	cutest
accident	actual	address	appear	believe	breath
accidentally	actually	answer	arrive	bicycle	breathe
To revise spelling of common words.	<p>Spelling rule: Most words add ing. Words ending in e – drop the e add ing. Words with a short vowel before the final letter double the final letter.</p>	<p>Spelling rule: Most words add ed. Words ending in e – drop the e add ed. Words with a short vowel before the final letter double the final letter.</p>	<p>Spelling rule: Most verbs add s, ed and ing. Single syllable ending with a consonant preceded by a short vowel double the final consonant. Words ending in e drop the e. y change to i as necessary. Add es for hissing buzzing sounds.</p>	<p>Spelling rule: To begin to identify irregular tense changes and to begin to group them.</p>	<p>Spelling rule: Most words add er or est. Words ending in e – drop the e add er or est. Words with a short vowel before the final letter double the final letter.</p>

Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
beauty	indecent	exile	submarine	famous	consider
beautiful	inverted	external	submerge	poisonous	continue
pretty	incapable	expel	supermarket	dangerous	decide
prettiest	inaccurate	exchange	superman	various	describe
angry	illegal	exterior	superstar	enormous	different
angrier	illegible	antifreeze	interactive	previous	difficult
dry	impractical	antibody	interface	humorous	disappear
dried	improper	antidote	interlink	glamorous	earthly
say	improbable	anti-climax	interlude	vaporous	earth
said	irregular	excite	subconscious	ridiculous	eight
pay	irrelevant	experience	intervene	disastrous	eighth
paid	irresponsible	experiment	international	adventurous	enough
build	business	caught	century	circle	exercise
busy	calendar	centre	certain	complete	experiment
<u>Spelling rule:</u> The y is changed to i with the exception of ing . Exceptions skiing, taxiing.	<u>Spelling rule:</u> To recognise and spell the common prefix in in all its forms – il, ir and im .	<u>Spelling rule:</u> To recognise and spell common prefixes and understand how these influence word meanings – anti and ex .	<u>Spelling rule:</u> To recognise and spell common prefixes and understand how these influence word meanings – sub, super and inter .	<u>Spelling rule:</u> To consolidate the spelling of words which use the suffix ous .	<u>Spelling rule:</u> Statutory words

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.