

New Town Primary School

Our Learning: Year Five -Autumn Term 2022

Maple and Mulberry

	Learning at school	Learning at home
English	<p>In this term we will be creating our own Greek Myths using Theseus and the Minotaur as a model. Later on we are going to write our own narrative based on "One small step ". We will use our weekly 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.</p> <p>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">• Reading! Both independently and together with an adult or to a sibling. Use a dictionary to look up any unknown words.• Using the internet to research our topics and make notes about fact you have found out.• Listen to the news: can you bring in an interesting news item to present to the class?
Maths	<p>We will start the year by extending our knowledge of place value. This will involve ordering, comparing and rounding numbers. Our second unit will cover the four operations; we will be using formal written calculation methods to solve number and word problems. We will explore prime, square and cubed numbers as well as factors and multiples, we will also cover fractions after half term. We will look at equivalence and simplification as well as using the four operations with fractions. Maths homework will recap and consolidate our learning throughout the term.</p>	<ul style="list-style-type: none">• Maths facts are essential! Practice your times tables and number bonds. Remember: great mathematicians know these as quick-fire facts so they can apply them to problems.• Use your maths vocabulary in everyday life; talk about time, measurements and shapes.
Our topic work	<p>Our history and geography topic for this term is Greece: Ancient and Modern. We will be finding out what made a great civilisation and about the legacy of the Ancient Greeks. We will be looking at modern Greece and its position in Europe and investigating how it is affected by its geography. In RE we will be revising the key aspects of all six major religions and looking at what they have in common. In Science we will be learning about Forces and Space.</p> <p>During PE lessons we will be developing our skills through tennis and gymnastics.</p>	<ul style="list-style-type: none">• You could visit Reading Museum• Go to the library and find a book about Sikhism, Judaism and Christianity.• Talk about how forces impact everyday life. Are they useful? How can they be managed?

Our class expectations

Every day	<ul style="list-style-type: none">• Arrive at school on time, ready to learn• Wear the correct uniform or talk to my teacher if I don't have it on• Take responsibility for my things such as a water bottle, reading book, bag and coat• Have a positive attitude to learning!
Every week	<ul style="list-style-type: none">• Complete my homework by the due date, in my homework book• Read at home <u>at least four times a week</u> and record this using my online reading record• Practise my spellings and learn the spelling rule, ready for my spelling test on Friday• Wear my PE kit on the correct days: Maple : Tuesday and Thursday Mulberry :Monday and Wednesday

Homework

Due Date	Topic based skills homework	Spellings	Maths focus																		
<p>Week 1 5-9th September 2022</p>	<p>Our Learning for Autumn given out on Friday</p>																				
<p>Week 2 12th -16th September 2022</p> <p>Homework due on Wednesday 14th September 2022</p>	<p>History Research the Ancient Greeks. Find out who were the first Ancient Greeks and where and when they lived. Use your Knowledge Organiser for more information.</p>	<p>List 1</p>	<ul style="list-style-type: none"> Match the Roman numerals to the numbers. <table border="0" style="width: 100%;"> <tr> <td style="border: 1px solid black; padding: 2px;">DC</td> <td style="border: 1px solid black; padding: 2px;">460</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">CD</td> <td style="border: 1px solid black; padding: 2px;">950</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">CCCXX</td> <td style="border: 1px solid black; padding: 2px;">400</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">DXC</td> <td style="border: 1px solid black; padding: 2px;">590</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">CML</td> <td style="border: 1px solid black; padding: 2px;">600</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">CDLX</td> <td style="border: 1px solid black; padding: 2px;">320</td> </tr> </table> <p>Roman numbers and place value.</p> <ul style="list-style-type: none"> What is the value of the 4 in each number? <table border="0" style="width: 100%;"> <tr> <td style="border: 1px solid black; padding: 2px;">124,306</td> <td style="border: 1px solid black; padding: 2px;">245,812</td> <td style="border: 1px solid black; padding: 2px;">402,001</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">321,247</td> <td style="border: 1px solid black; padding: 2px;">604,513</td> <td style="border: 1px solid black; padding: 2px;">45,872</td> </tr> </table>	DC	460	CD	950	CCCXX	400	DXC	590	CML	600	CDLX	320	124,306	245,812	402,001	321,247	604,513	45,872
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<p>Week 3 19th – 23rd September 2022</p> <p>Homework due on Wednesday 21st September</p>	<p>Science Choose a force (e.g. gravity, friction or air resistance) and complete a fact file about the force, include examples of how the force is part of everyday life. BBC Bitesize has great videos to recap your learning https://www.bbc.co.uk/bitesize/topics/zvr3nrd</p>	<p>List 2</p>	<ul style="list-style-type: none"> What numbers are shown? <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> </div> <div style="border: 1px solid black; padding: 5px;"> <table border="1" style="width: 100%; text-align: center;"> <tr> <th style="background-color: #d9e1f2;">Th</th> <th style="background-color: #d9ead3;">H</th> <th style="background-color: #d9ead3;">T</th> <th style="background-color: #d9ead3;">O</th> </tr> <tr> <td>●●●</td> <td></td> <td>●●●●</td> <td>●●●●</td> </tr> </table> </div>	Th	H	T	O	●●●		●●●●	●●●●										
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Week 4
26th – 30th
September
2022

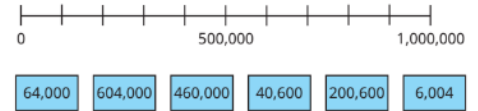
**Homework
due on
Wednesday
28th
September
2022**

Design and technology

What mechanisms were invented in Ancient Greek times? Choose an item you find interesting and make a fact sheet which includes pictures. Can you describe how they work ?

List 3

- Put the numbers in ascending order.
You can use the number line to help you.



Round these numbers to the nearest 10, 100 and 1000 please.
756, 802, 333, 909, 682, 550

Week 5
3rd – 7th
October
2022

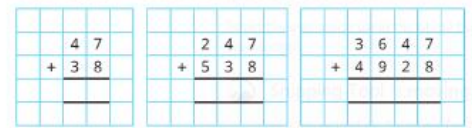
**Homework
due on
Wednesday
5th October
2022**

Science

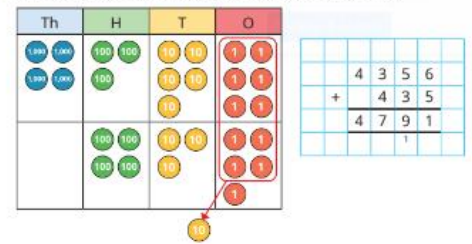
Research the famous scientist Isaac Newton and how he has influenced modern science, then create an informative poster to show off what you have found out. Visit https://www.ducksters.com/biography/scientists/isaac_newton.php to get you started.

List 4

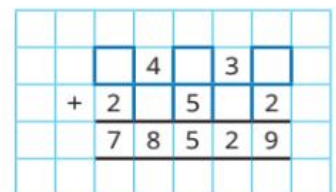
- Use the column method to work out the additions.

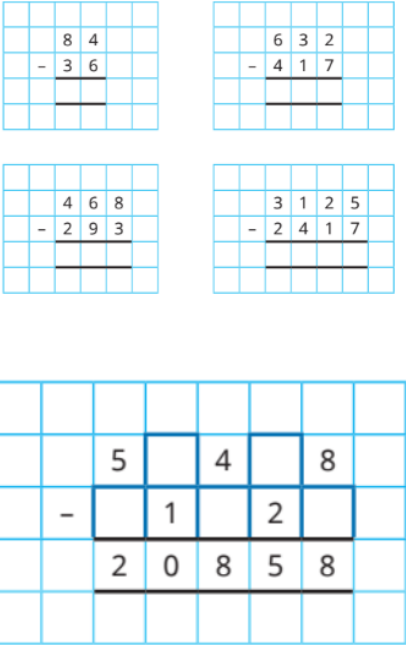


- Ron uses place value counters to calculate $4,356 + 435$

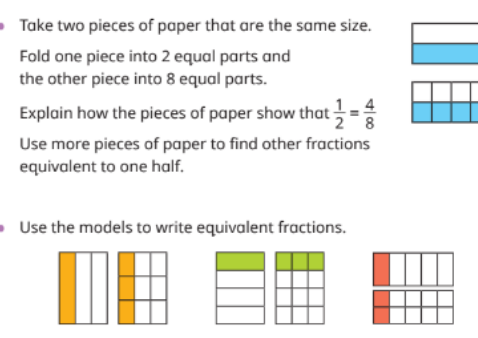
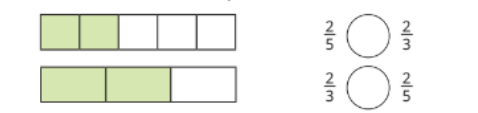


Work out the missing numbers.



<p>Week 6 10th – 14th October 2022</p> <p>Homework due on Wednesday 12th October 2022</p>	<p>Art</p> <p>Invent your own Greek god. Draw them and then write a description of their powers, appearance and what they were in charge of e.g. the god of thunder. You could also create a family tree for them!</p>	<p>List 5</p>	<ul style="list-style-type: none"> Use the column method to work out the subtractions. 
<p>Week 7 17th – 21st October 2022</p> <p>Homework due on Wednesday 19th October 2022</p>	<p>French</p> <p>Write the dates of your friends and families birthdays in French</p>	<p>List 6</p>	<p>Word problems</p> <ul style="list-style-type: none"> Filip is writing a report. He writes the first 460 words on Monday and another 735 words on Tuesday. The report must be at least 2,500 words long. How many more words does Filip need to write? Year 5 and Year 6 are going on a school trip. The school has a bus with 56 seats and a minibus with 17 seats. There are 44 people in the Year 5 group and 38 people in the Year 6 group. How many more seats are needed for both groups to go on the trip? <p>Can you create 3 word problems of your own that use addition and subtraction?</p>
<p>October Half-Term 30/05/22 – 3/06/22</p>	<p>Half term project</p> <p>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>Week 8</p> <p>INSET DAY</p> <p>31st October 2022</p> <p>Homework due on Wednesday</p>	<p>Science</p> <p>Find out facts about the space missions – What was the first creature sent into space? Who was the first astronaut? Who was the first man on the moon? What other interesting facts can you find?</p>	<p>List 7</p>	<p>Inverse operations</p> <ul style="list-style-type: none"> Huan thinks of a number. He adds 17 to his number and gets the answer 40. Which calculation can be used to find Huan's number? <p> <input type="button" value="17 + 40"/> <input type="button" value="17 - 40"/> <input type="button" value="40 - 17"/> <input type="button" value="40 + 17"/> </p> <ol style="list-style-type: none"> $342 + ? = 670$ $65 + ? = 111$ $450 - ? = 250$ $99 - ? = 45$ $2300 = 799 + ?$

<p>2nd November</p>											
<p>Week 9 7th – 11th November</p> <p>Homework due on Wednesday 9th November</p>	<p>Geography</p> <p>Choose one of the Greek Islands to focus on. Find out about: 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>Finding common multiples and factors</p> <ul style="list-style-type: none"> How can you tell by looking at a number if it is a multiple of 5? <p>Which of these numbers are multiples of 5?</p> <table border="1" data-bbox="1114 421 1551 465"> <tr> <td>45</td> <td>406</td> <td>95</td> <td>110</td> <td>501</td> <td>510</td> <td>540</td> <td>502</td> </tr> </table> <p>Which of the numbers are also multiples of 10?</p> <p>*Can you find the factors of: <u>32</u>, <u>24</u>, and 25</p> <p>*Which numbers are common factors of 12 and 30?</p>	45	406	95	110	501	510	540	502
45	406	95	110	501	510	540	502				
<p>Week 10 14th – 18th November 2022</p> <p>Homework due on Wednesday 16th November</p>	<p>Art</p> <p>Find out what it was like to be a Greek soldier (a hoplite) Draw or print a picture of one with labels to explain their uniform.</p>	<p>List 9</p>	<p>Multiplying by 10,100,1000</p> <p>Multiply by 10: 15 , 390, 1001 and 2.5</p> <p>Multiply by 100: 67, 456, 2001 and 1.06</p> <p>Multiply by 1000: 12, 5,000 and 45.03</p>								
<p>Week 11 21st – 25th November</p> <p>Homework due on Wednesday 23rd November</p>	<p>French:</p> <p>Year 5: Write or act out a conversation between 2 friends discussing whether they have a pet.</p>	<p>List 10</p>	<p>Dividing by 10,100,1000</p> <p>Divide by 10: 230, 15, 7000</p> <p>Divide by 100: 300, 10.00, 6000</p> <p>Divide by 1000: 20,000, 123.45, 7123</p>								

<p>Week 12</p> <p>28th – 2nd December</p> <p>Homework due on Wednesday 30th November</p>	<p>Life skills</p> <p>Write a letter to your friends explaining how to report something that they feel is not right while using internet and how to use mobile phones responsibly.</p>	<p>List 11</p>	<p>Recognise equivalent fractions</p> <ul style="list-style-type: none"> Take two pieces of paper that are the same size. Fold one piece into 2 equal parts and the other piece into 8 equal parts. Explain how the pieces of paper show that $\frac{1}{2} = \frac{4}{8}$. Use more pieces of paper to find other fractions equivalent to one half. Use the models to write equivalent fractions.  <p>Make or draw more models to show other fractions equivalent to unit fractions.</p> <p>Complete the set of equivalent fractions.</p> $\frac{1}{6} = \frac{\square}{12} = \frac{\square}{18} = \frac{4}{\square} = \frac{6}{30} = \frac{\square}{\square} = \frac{7}{\square}$
<p>Week 13</p> <p>5th – 9th December</p> <p>Homework due on Wednesday 7th December</p>	<p>Religious education</p> <p>Find out about how Christmas is celebrated in Greece. What traditions are similar to the UK and what is different? You can choose how you present your findings.</p>	<p>List 1</p>	<p>Compare and order fractions</p> <ul style="list-style-type: none"> Use diagrams to show that $\frac{4}{5} > \frac{3}{5}$. Explain how you can tell that $\frac{4}{5} > \frac{3}{5}$ without using a diagram. Use the bar models to compare the fractions.  <ul style="list-style-type: none"> Identify the greater fraction in each pair. <ul style="list-style-type: none"> $\frac{3}{7}$ and $\frac{5}{7}$ $\frac{9}{11}$ and $\frac{2}{11}$ $\frac{2}{3}$ and $\frac{2}{15}$ $\frac{1}{8}$ and $\frac{1}{3}$ $\frac{4}{15}$ and $\frac{4}{100}$ $\frac{11}{20}$ and $\frac{19}{20}$
<p>Week 14</p> <p>12th – 16th December</p> <p>Homework due on Wednesday 14th December</p>	<p>Your choice:</p> <p>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>To add and subtract fractions</p> <ul style="list-style-type: none"> Work out the calculations. <ul style="list-style-type: none"> $\frac{4}{9} + \frac{1}{9}$ $\frac{3}{7} + \frac{2}{7}$ $\frac{4}{9} + \frac{1}{9} + \frac{2}{9}$ $\frac{7}{9} - \frac{5}{9}$ $\frac{1}{8} + \frac{3}{8} + \frac{3}{8}$ $\frac{6}{7} - \frac{4}{7}$ Work out the missing numbers. <ul style="list-style-type: none"> $\frac{3}{7} + \frac{\square}{7} = \frac{9}{7}$ $\frac{3}{11} + \frac{\square}{11} = \frac{15}{11}$ $\frac{15}{8} - \frac{\square}{8} = 1$ $\frac{\square}{5} - \frac{3}{5} = \frac{4}{5}$ $\frac{4}{5} + \frac{\square}{5} = 2$ $\frac{10}{3} - \frac{\square}{3} = 2$

Christmas holidays begin on Tuesday 20th December at 1.30pm

Autumn Term 1						
1	2	3	4	5	6	7
Words associated with British values	Add es if the word ends in a hissing buzzing shushing sound. Words ending in y add s if the final letter is preceded by a vowel, if not change the y to i.	Most endings change to ves. Double ff add s. Words ending fe use ves	Irregular plurals	Most words add -s, -ing and -ed. Words ending in e – drop the e add s, ing, ed.	Irregular verbs	tion is used when the root word ends in- t or -te. Take off the “e” before adding tion. Tion words are nearly always nouns.
government community ancient communicate conscience environment individual parliament prejudice recognise symbol language accommodate accompany	sandwich- sandwiches church-churches bunch-bunches school-schools friend-friends baby – babies, memory – memories story – stories army-armies dictionary- dictionaries aggressive criticise	half-halves leaf-leaves knife-knives wife-wives life-lives belief-beliefs loaf-loaves shelf-shelves wolf-wolves scarf-scarves according achieve	person – people mouse – mice goose – geese die – dice louse – lice woman – women foot – feet child – children antenna – antennae formula – formulae amateur ancient	believes believing believed demonstrates demonstrated demonstrating deceives deceived deceiving benefits benefiting benefited apparent appreciate	is – was write – wrote slide – slid drive – drove can – could make – made teach – taught catch – caught see – saw are –were attached available average	invent- invention inject -injection affect affection explain- explanation pronounce-pronunciation accommodate accommodation appreciate -appreciation definite- definition desperate- desperation Create-creation awkward bargain
Autumn Term 2						
8	9	10	11	12	13	
sion is used if the root word ends in d, de or se. There	ssion is used if the root word ends in a ss (express) which	ious suffix	tial suffix	ant and ance suffixes	ent suffix	

are some exceptions.	is a soft sh sound or in mit (permit)	Adding 'ious' to a noun or verb makes an adjective				
vision collision confusion transfusion infusion corrosion exclusion explosion decision occasion bruise category	percussion oppression recession repression possession profession passion confession impression permission cemetery committee	repetitious notorious conscious hilarious infectious mysterious religious Spacious anxious dangerous communicate community	torrential confidential essential influential potential partial presidential sequential circumstantial preferential competition conscience	contestant defiant fragrance pleasant important importance significant significance reluctant reluctance conscious controversy	persistent intelligent resident permanent disobedient obedient statement treatment environment assessment convenience correspond	

Spelling Words: Autumn Term

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.