

# New Town Primary School

## Our Learning: Year Six - Autumn Term 2020

### Kittiwakes

	Learning at school	Learning at home
<b>English</b>	<p>We will begin our term using the book <i>Cosmic: One Giant Leap for Boykind</i> by Frank Cottrell Boyce as inspiration for writing adventure stories. Later on in the term we will write Biography texts for famous scientists and learn how to structure a balanced argument. 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. On a daily basis, we will dedicate some time to reading our class book which will give the children an introduction to a range of authors.</p>	<ul style="list-style-type: none"> <li>• Read a book together with an adult or to a sibling.</li> <li>• Using the internet to research our topics, and making notes about facts they have found out.</li> <li>• Listening to the news: can you bring in an interesting news item to present to the class?</li> <li>• Play 'Just a Minute' with your family. Choose a topic to talk about for 60 seconds without stopping. Use something you have learnt at school as a starting point.</li> </ul>
<b>Maths</b>	<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.</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>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 Evolution and Inheritance and how the lives of Mary Anning and Charles Darwin have impacted our understanding of this field.</p>	<ul style="list-style-type: none"> <li>• Use homework as an opportunity to discuss what has been learnt at school. Discussing learning with a parent will reinforce children's understanding.</li> <li>• Use our Knowledge Organisers to learn more about the topics – they can be used for fun quizzes in your families.</li> <li>• Use the internet to research our topics and make notes about facts you have found out. <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></li> </ul>

## 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 Project homework</li> <li>• Read at home at least three times, and record this in my homework diary</li> <li>• Learn my spellings</li> <li>• Practice my weekly maths facts</li> </ul>

## Homework

Week commencing	Topic based skills homework	Spellings	Maths
07/09/20	<p><b>History</b> 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>		Find big numbers in newspapers, magazines or on websites - record these and round them using your knowledge of place value.
14/09/20	<p><b>History</b> 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	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.
21/09/20	<p><b>Geography</b> Find out how to say these words in Greek: hello, goodbye, please, thank you. Record your findings in a table showing the Greek and English words.</p>	List 2	Practise column methods for addition and subtraction using up to 7 digits. How many can you do in 15 minutes?
28/09/20	<p><b>Science</b> In the 1830s Charles Darwin made a round the world trip in a ship called The Beagle to learn about variation. Make a poster or leaflet about his voyage. Information you could include: - What was his ship like? - How long did he travel for? - Where did he stop on his journey? - What did he discover and find out?</p>	List 3	Practise using the formal method for multiplication using ThHTU x TU. How many can you do in 15 minutes?
05/10/20	<p><b>History</b> What was invented in Ancient Greek times? Make a fact sheet which includes pictures.</p>	List 4	Practise formal methods for division – explain your method for long and short division. Use the inverse to check your answers.
12/10/20	<p><b>History</b> 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>	List 5	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?
19/10/20	<b>Geography</b> Create a poster for the Greek Tourist Board showing interesting things to visit Greece.	List 6	Make a poster explaining how to simplify fractions.
HALF TERM: 26/10/20	<b>ENJOY YOUR HOLIDAY</b>		
02/11/20	<b>History</b> 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.	List 7	Discuss how timetables are used for planning journeys with a family member. Look at examples and plan and/or make a journey using them.
09/11/20	<b>History</b> Create a fact sheet about Ancient Greek homes. You could include floor plans, drawings and comparisons between the homes of the rich and poor.	List 8	Look for examples of fractions in real life. Record these and write your own problems using them. Think about food and recipes. Record examples.
16/11/20	<b>Geography</b> 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.	List 9	Multiply simple pairs of proper fractions – record your answers in their simplest forms. Can you complete 5 examples in 20 minutes?
23/11/20	<b>Science</b> Make a poster or leaflet about variation in one type of pet e.g. dog, cat, horse, guinea pig, rabbit, hamster Information you could include: - Different types of this pet e.g. bulldog, Pitbull, Chihuahua - Variation between these breeds e.g. size, fur, colours, body shape	List 10	Look for examples of fractions, decimals and percentages in newspapers, magazines or on websites - record them and show equivalences if you can.
30/11/20	<b>History</b> 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.	List 11	Use a supermarket receipt or similar to record prices of everyday objects in £ and p. Multiply these by 10, 100 and 1000.
07/12/20	<b>History</b> Find out about the clothes Ancient Greeks wore. Draw and label a picture showing a typical Ancient Greek outfit.	List 12	Use coordinates in the four quadrants to play Battleships. Ask your teacher for a full coordinate grid.

14/12/20	<b>Geography</b> 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.	Shape challenge. Using a picture book, try to recreate a scene but only using rectilinear 2D shapes. Don't forget to use a ruler!
CHRISTMAS HOLIDAY		Enjoy your holidays!

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!

### Spelling Lists - Year 6, Autumn Term 1

List 1	List 2	List 3
<p><b><u>Plurals</u></b></p> <p><b>Regular</b> possession – possessions restaurant – restaurants signature – signatures shoulder – shoulders secretary – secretaries dictionary – dictionaries identity – identities wife – wives business – businesses</p> <p><b>Year 5/6 words</b>  embarrass persuade marvellous soldier mischievous definite</p>	<p><b><u>Plurals</u></b></p> <p><b>Irregular</b> hero - heroes vertex – vertices crisis – crises penny – pence logo – logos medium – media woman – women sheep - sheep</p> <p><b>Year 5/6 words</b>  committee hindrance rhyme thorough achieve yacht available</p>	<p><b><u>Tense</u></b></p> <p><b>Adding –ing, -s, -ed.</b>  imitate, imitates, imitated, imitating occupy, occupies, occupied, occupying succeed, succeeds, succeeding, succeeded embarrass, embarrasses, embarrassed, embarrassing</p> <p><b>Year 5/6 words</b>  forty determined programme sincere curiosity</p>
List 4	List 5	List 6
<p><b><u>Tense</u></b></p> <p><b>Irregular tenses</b> know – knew</p>	<p><b><u>Suffixes</u></b>  reduce, reducing, reduced, reduction</p>	<p><b>Year 5/6 words</b>  aggressive harass</p>

<p>make – made  can – could  slide – slid  write – wrote  fight – fought  speak – spoke  think – thought  teach – taught  drive - drove</p> <p><b>Year 5/6 words</b></p> <p>conscious  equipped  interfere  occur  recommend  language</p>	<p>illustrate, illustrated  illustration, illustrator,  illustrative  imagination, imaginative  happy, happiness  kind, kindness</p> <p><b>Year 5/6 words</b></p> <p>symbol  relevant  immediate  excellent  bargain  prejudice</p>	<p>neighbour  community  familiar  leisure  attached  convenience  individual  parliament  correspond</p>
--	---	---

**Spelling Lists - Year 6, Autumn Term 2**

<b>List 7</b>	<b>List 8</b>	<b>List 9</b>
<p align="center"><b><u>Homophones</u></b></p> <p>advice – advise  practice – practise  licence – license  aisle – isle  aloud – allowed  stationery – stationary  past – passed</p> <p align="center"><b>Year 5/6 words</b></p> <p>conscience  apparent  opportunity  rhythm  bruise</p>	<p align="center"><b><u>Homophones</u></b></p> <p>wear – where  boy – buoy  desert – dessert  sun – son  poor – pore  heard – herd  affect - effect</p> <p align="center"><b>Year 5/6 words</b></p> <p>muscle  nuisance  system  variety  desperate</p>	<p align="center"><b><u>Suffixes</u></b></p> <p align="center"><b>auto/bi/tele</b></p> <p>autograph  autonomy  automatic  biceps  bicycle  bilingual  telescope  telegraph  teleport  telepathy</p> <p align="center"><b>Year 5/6 words</b></p> <p>recognise  exaggerate  disastrous  guarantee  foreign</p>
<b>List 10</b>	<b>List 11</b>	<b>List 12</b>
<p align="center"><b><u>Suffixes</u></b></p> <p align="center"><b>circ/trans</b></p> <p>circumference  circumnavigate  circuit  circulate  transplant  translucent  translate  transmit  transcribe</p> <p align="center"><b>Year 5/6 words</b></p> <p>controversy  accompany  immediately  privilege  lightning</p>	<p align="center"><b><u>Suffixes</u></b></p> <p align="center"><b>in/im/il/ir</b></p> <p>inactive  invisible  incapable  illegible  illogical  impractical  impossible  irreplaceable  irrelevant</p> <p align="center"><b>Year 5/6 words</b></p> <p>sacrifice  vehicle  sufficient  explanation  profession</p>	<p align="center"><b>Year 5/6 words</b></p> <p>especially  criticise  according  awkward  sincerely  vegetable  average  existence  interrupt  physical</p>

**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.