

Welcome to Woodpecker



Class

2020-21

Year 5

Teacher: Mr. Thompson

*Challenge, Commit, Conquer,
Celebrate*

Hello new Woodpecker!

Welcome to your new class for next year. Mrs. Hinks and I are very much looking forward to welcoming you in September as we begin another exciting new year. I know that many of you might not have been in school for some time so I thought I would take the opportunity to tell you a little about how we do things in Woodpecker class.

Woodpecker class is going to be a calm and supportive place to learn. We will be able to create an amazing class where we look out for one another in our learning and our wellbeing. We want you to be able to come to school each morning knowing that you'll have a great day full of challenges but also full of creativity and friendship. You'll leave Woodpecker class being a more independent and thoughtful learner, ready to face any challenge!

I am really looking forward to seeing you in September.

Yours sincerely

Mr. Thompson.

Woodpecker class's week at a glance	
Monday	Blue group maths, Guided Reading homework and reading record checked.
Tuesday	Yellow group maths, Guided Reading homework and reading record checked.
Wednesday	PE in the afternoon Green group maths, Guided Reading homework and reading record checked.
Thursday	Red group Guided Reading homework and reading record checked.
Friday	PE in the morning Purple group maths, Guided Reading homework and reading record checked.

In our class we are ready, respectful and safe.

We have very high expectations in Woodpecker class because we know that in order for everyone to do their best, everyone needs to be ready to learn by showing excellent listening and discussion skills. Children in Woodpecker class will be expected to always reflect the high expectations of behaviour in line with the school's behaviour policy and will be encouraged to take increasing responsibility for the way they act in and outside of school.



Mathematics

By year 5, children should be confident in all of the times tables up to 12x12 and will continue to improve in their fluency and rapid recall of these. A secure knowledge of the times tables is really helpful when using many of the methods we will begin to learn for multiplication and division in year 5 and beyond.

Websites to support learning at home

TT rockstars - <https://trockstars.com/> - fluency of times tables

Numbots - <https://play.numbots.com/#/intro> - fluency of number facts and subitising (recognising numbers without counting them)

Hit the Button - <https://www.topmarks.co.uk/maths-games/hit-the-button> - fluency of number bonds, times tables and other number facts

Thinking Blocks - <https://www.mathplayground.com/thinkingblocks.html> - problem solving questions that can be modelled step by step – some of these problems get quite challenging!

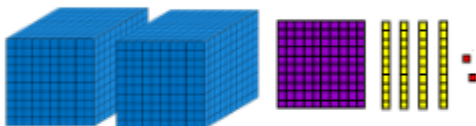
Place value

In year 5, pupils will learn to recognise the value of digits in six digit numbers and will use concrete objects and pictorial diagrams to represent these. This is to ensure the understanding of numbers and the number system is secure before moving onto the new calculation methods covered in year 5.

Representing Numbers to 10,000

A four-digit number is made up of thousand, hundreds, tens and ones. Different concrete manipulatives and pictorial diagrams can be used to represent these numbers.

The number 2,132 can be represented like this:



This shows 2 thousands, 1 hundred, 4 tens and 2 ones.

The same number can also be represented with place value counters:



Place Value of Digits

Place value helps us know the value of a digit, depending on its place in the number.

HTH	TTH	TH	H	T	O
7	1	4	8	2	5

In the number above, the 7 digit is in the hundred thousands place so it really means 700,000.

The 1 digit is in the ten thousands place so it really means 10,000.

The 4 digit is in the thousands place so it really means 4,000.

The 8 digit is in the hundreds place so it really means 800.

The 2 digit is in the tens place so it really means 20.

The 5 digit is in the ones place so it means 5.

Written calculations

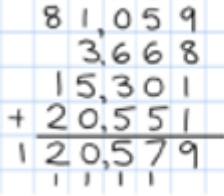
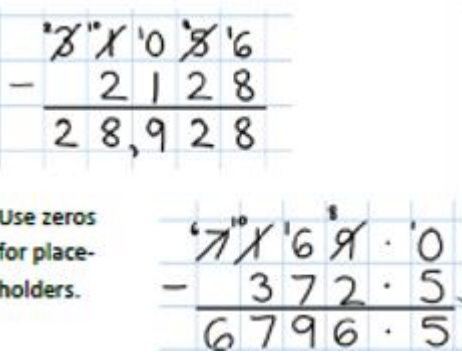
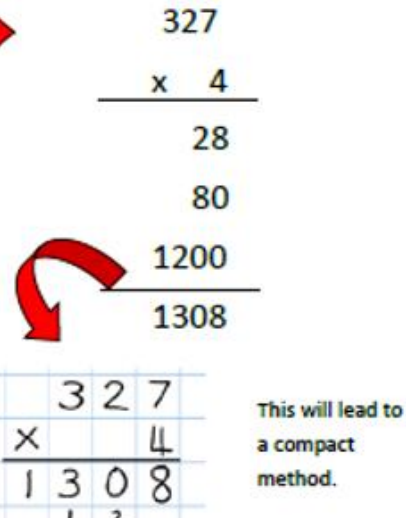
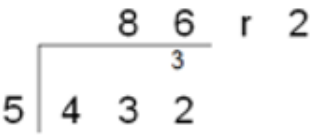
Addition

$$\begin{array}{r} 72.8 \\ + 54.6 \\ \hline 127.4 \\ 11 \end{array}$$

£	2	3	.	5	9
+	£	7	.	5	5
£	3	.	.	4	

Pupils will extend their understanding of addition by adding numbers with more than four digits and up to two decimal places.

Golden rule: start from the right to get the answer right!

	<p>If the numbers in one column add up to more than 9, the 1 should be 'carried' onto the next column to the left. This can be written above or below as in the example.</p>
<p><u>Subtraction</u></p> 	<p>Pupils extend their knowledge of 'take and make', starting with concrete materials to remind pupils of the learning from y3 & y4.</p> <p>Pupils use their knowledge of exchanging to extend to subtracting numbers with at least 4 digits including units of measure and money.</p> <p>If the number being subtracted is smaller than the subtrahend, one must be 'exchanged' from the column to the left.</p>
<p><u>Multiplication</u></p> 	<p>Numbers are partitioned in order to be multiplied separately. These will then be combined to give the final answer.</p> <p>Once this method is mastered, a compact method will be taught where the numbers are added using 'carrying' as the answers to each multiplied number are calculated.</p>
<p><u>Division</u></p> 	<p>Pupils will revise dividing numbers that divide equally and with remainders and will then begin dividing four digit numbers by a one digit number.</p> <p>For this method, pupils will start by seeing how many 5s will divide in to 4, if this is not possible the next number to the right will be included (43 divided by 5 = 8 r3). The remainder is then carried onto the column to the right (32 divided by 5 = 6r2).</p>

Other areas of mathematics

We will be using the above methods throughout the year and they will be applied to the other topics covered in maths such as measure, shape and decimals. Hopefully, they will be useful to refer to when completing any learning at home.

A good understanding of the times tables is a crucial part of improving pupils' ability to become fluent with multiplication and division as well as being able to spot patterns in problem solving challenges. Any practice of your child's times tables at home will be very much appreciated. It will help them start to improve the pace at which they are able to solve problems and think mathematically.

Reading

Everyone remembers the first book they ever read that they just couldn't put down! Being able to get lost in a book is a real pleasure that will last a lifetime. As they progress through the school, we want everyone to foster a love for reading and storytelling. If you haven't already taken part, each summer many pupils take part in the Summer Reading Challenge which gets children to read as many exciting books as possible. More information can be found at:

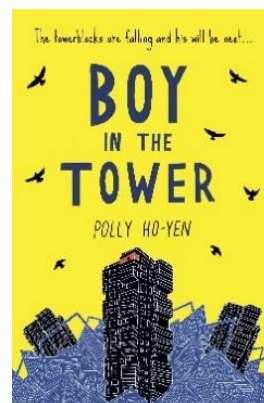
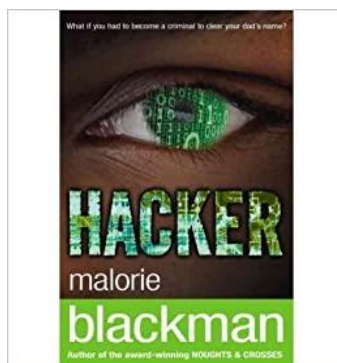
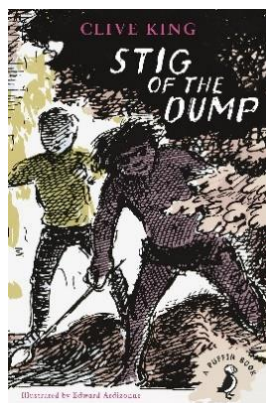
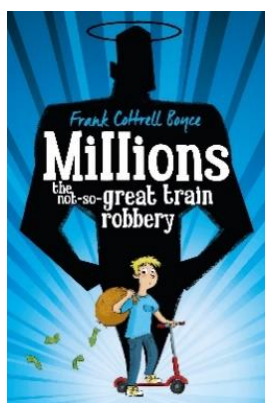
<https://summerreadingchallenge.org.uk/>

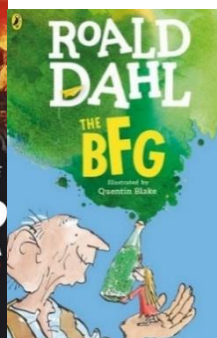
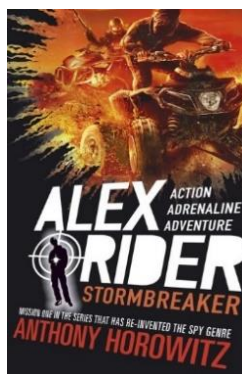
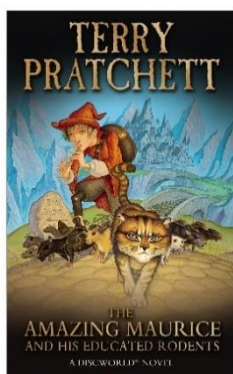
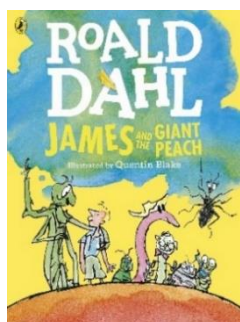
Everyone progresses in their reading at different speeds, but what is important is that children are given the time to be able to read aloud as often as possible. This is because it develops the ability to take in the meaning of the words being read, rather than just the reading of the words themselves. This will also support the use of tone and punctuation as pupils develop their fluency and confidence. By the end of year 5, pupils will be expected to be on or to have passed the red book band which is the age related expectation for pupils of this age group.

Pupils will be given the chance to read a novel for at least 10 minutes every day but sadly, we don't have the time in school to read with pupils every day on a one to one basis so we suggest that pupils should be read with at home for 20 minutes at least five times a week. Each time this happens, a record should be made in the child's homework diary. This will be checked once a week by the teacher. If pupils have been unable to read five times in a week, they will be offered the chance to attend reading club at lunchtimes.

Each week, pupils will be set a homework task related to the book they have been reading. Often these get pupils to think creatively about the story and helps to develop some of the key reading skills. Hopefully they will give you the opportunity to spend quality time working alongside your child as they progress in their reading skills.

Here are some of the exciting books we will be reading throughout the year





Writing

In year 5 pupils will be expected to use cursive, joined handwriting following the font style below. We will have an increased focus on handwriting at the start of the year to ensure that all pupils are starting from the line, forming ascending (tall) and descending (below the line) letters correctly. This is because the Government state that in order to be considered a year 5 writer, by the end of the year pupils' handwriting should be correctly formed, 'legible and becoming increasingly fluent'.

a b c d e f g h i j k l m n o p q r s t u v w x y z

Spelling

We will be sending home a list of dictations which should be practiced each week. Everyone will start on dictations list 1 and will only move into the next list when they have been able to spell all of the words correctly when tested in class. The words sent home are words that don't follow all of the spelling rules taught in class so it's really important that they are practised at home!

<u>List 1</u> muscle necessary queue rhythm vegetable	<u>List 2</u> bruise curiosity embarrass explanation sincerely	<u>List 3</u> competiti on foreign leisure rhyme yacht	<u>List 4</u> achieve determined profession restaurant twelfth	<u>List 5</u> ancient familiar guarantee language symbol
<u>List 6</u> attached forty identify soldier vehicle	<u>List 7</u> awkward immediate opportunity shoulder stomach	<u>List 8</u> according bargain desperate excellent neighbour r	<u>List 9</u> conscience harass individual interfere nuisance	<u>List 10</u> conscious controversy disastrous existence persuade
<u>List 11</u> appreciate community critic marvellous	<u>List 12</u> dictionary equip recommend secretary	<u>List 13</u> apparent develop frequently hindrance	<u>List 14</u> aggressive available communicate lightning	<u>List 15</u> interrupt government occupy

occur	sufficient	temperat ure	mischievous	parliamen t program me
<u>List 16</u> accommodate cem etry committee suggest variety	<u>List 17</u> accompany convenience environment recognise sacrifice	<u>List 18</u> amateur category definite physical thorough	<u>List 19</u> correspond especially exaggerate pronunciations system	<u>List 20</u> average prejudice privilege relevant sincere

When it comes to spelling, practise is key. For this reason, we encourage pupils to log into Spelling Shed so that they can play games which use the words that need to be learnt by the end of the year.

We will be sending a reminder of the logins for all pupils in September.

(<https://www.spellingshed.com/en-gb/>)

Year 5



Foundation Subjects

Most of the foundation subjects will be taught through three topics over the course of the year. We have an exciting year planned with exciting topics such as Mexico and the Mayans, Natural Disasters and Ancient Egyptians. For each of these topics, we will be setting POWER projects which are optional activities to complete at home. Many of these give pupils the opportunity to show off their creativity as well as providing a great way to work with your child at home. Being optional, as little or as much as you wish of the project can be completed. Any POWER project learning will be collected in and celebrated in school.

PE

In Woodpecker, PE will take place on Wednesdays and Fridays. As ever, pupils are responsible for bringing their own PE kits which can be taken home for cleaning as and when required. It is really

important that pupils have the correct kit in school with them so that they are able to participate in statutory PE lessons.

Forest School and the allotment

We are extremely privileged to have access and use of exceptional facilities around the school. Each year, classes will be allocated a half term in which they will be able to have Forest School and allotment time. In both of these, pupils learn lifelong, practical skills which otherwise would be difficult for many to acquire. For these lessons, pupils will need scruffy clothing to wear underneath the waterproofs provided by the school. As ever, we have extremely high standards of behaviour of pupils in these sessions and reserve the right to withdraw pupils if they fail to understand the privileges being offered to them.

I hope this information about next year has been useful. I am really looking forward to welcoming a full class back in September – it is going to be an exciting and interesting year. More than ever, we will need to commit to conquering the challenge presented to us in the current situation. While school life may continue to be slightly different from normal, I am sure you are as keen as us to see everyone again and to start getting back into the routine of school life. I hope that you have a fantastic summer and return with great enthusiasm for the exciting school year ahead.

All the best,

Mr. Thompson.