

**Year 6 Curriculum Information  
Autumn Term 2017**



Please find information below which details what your child will be learning in school this term. We hope you will find it helpful in supporting your child at home. If you have any queries, please do not hesitate to speak to your child's teacher.

Subject	Children will learn
<p><b>English (Reading, Writing and Speaking and Listening)</b></p> 	<ul style="list-style-type: none"> <li>To revise and analyse the styles of narrative used (opening; setting; characters) to engage the reader and then use the features to write a short story.</li> <li>To know about the features of and to write informal letters using relevant techniques.</li> <li>To provide 'for and against' arguments and justify them with opinion in writing.</li> <li>To learn and use new and challenging grammatical structures and vocabulary through the reading of inspiring and thought-provoking texts.</li> <li>Use geographical knowledge to write a non-chronological report about deforestation in the Amazon rainforest.</li> </ul>
<p><b>Mathematics</b></p> 	<ul style="list-style-type: none"> <li>To develop and extend arithmetic skills using applied methods taught.</li> <li>To extend knowledge of place value through 6 digit numbers and decimal places, solving calculation questions across the four operations</li> <li>To calculate missing number problems algebraically and find pairs of numbers that satisfy equations including length and angles.</li> <li>To convert between different units of measurements including the 12 and 24 hour clock</li> <li>To calculate the perimeter, area and volume of shapes</li> <li>To add and subtract unit fractions with different denominators, including mixed numbers. To find percentages of any given amounts, including money.</li> </ul>
<p><b>Science</b></p> 	<ul style="list-style-type: none"> <li>The children will focus on how living things can be grouped together in different ways according to the characteristics they have in common</li> <li>They will apply their classification skills to different types of plants, animals and insects whilst giving their reasons for the groups and justifying them to others</li> <li>Conduct an investigation to explore changes to materials.</li> <li>Research and find out about scientists from the past and the impact of their findings on our lives today.</li> </ul>
<p><b>Computing</b></p> 	<ul style="list-style-type: none"> <li>To program an object to do actions at specific times and change direction working towards programming their own game</li> <li>To create a space animation based on the skills learnt through programming</li> </ul>
<p><b>Geography</b></p> 	<ul style="list-style-type: none"> <li>To explore different biomes around the world.</li> <li>To know the location of the Amazon rainforest and some of the features of this type of biome.</li> <li>Identify how the Amazon rainforest has changed over time due to deforestation.</li> </ul>
<p><b>Art/Design and Technology</b></p> 	<ul style="list-style-type: none"> <li>To show movement in a picture using a range of media</li> <li>To study the skills associated with drawing and painting to produce a piece of work linked to a reading study.</li> </ul>

<b>Physical Education</b> 	<ul style="list-style-type: none"> <li>• This term the children will be completing their final assessments in swimming at primary level</li> <li>• Children will be encouraged to explore and develop their skills in a variety of ball games.</li> </ul>
<b>Music</b> 	<ul style="list-style-type: none"> <li>• To explore lyrics and melody in order to be able to write their own song</li> </ul>
<b>P.S.H.E</b> 	<ul style="list-style-type: none"> <li>• The skills needed to be an effective learner</li> <li>• To consider the thoughts and feelings associated with new beginnings and getting on and falling out</li> </ul>
<b>R.E</b> 	<ul style="list-style-type: none"> <li>• To begin to reflect on and discuss some challenging religious and philosophical questions</li> <li>• To employ philosophical enquiry to explore the questions they have raised</li> <li>• To reflect on their own responses to such questions and the reasons for them</li> </ul>

### Things you can do to help at home:

- Your child is becoming a more competent and confident reader **but now it is just as important to read with them, hear them read and talk about their reading.** Listen to them read, preferably every day and ask questions about the text.
- Talk to your child about what they have been learning at school.
- Talk to your children about the science or news programmes that you watch together on TV. Ask them to explain their thinking and to give reasons to justify their opinions based on what they have seen or read.
- Practise number skills with your child. It is essential that all children have a secure knowledge and quick recall of all multiplication facts up to 12x12. Five minutes of practise every day is better than an hour a week. Take them shopping. Children who spend time dealing with money do really well in many areas of maths.
- We have noticed that a number of children find it difficult to tell the time or to apply their knowledge of time to solve problems. Any extra work you do at home with your child on this can only help.
- Encourage and support them with their weekly homework tasks. We try to ensure that all children can complete their homework independently. Please check to make sure that homework is completed to a high standard on the night it is given out, ready to be handed in the next morning.
- Keep in touch with us. If you have any concerns, do not hesitate to make an appointment to see us via the school office.
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### Useful websites:

- English practice  
<http://resources.woodlands-junior.kent.sch.uk/interactive/literacy2.htm>
- Reading homework where children can log on and read books that are tailored to their level and answer reading comprehension questions  
<http://www.bugclub.co.uk>
- The websites below are great for learning your times tables and helping with different mathematical concepts  
[www.learnyourtables.co.uk](http://www.learnyourtables.co.uk)  
<http://mathszone.co.uk/>
- Great maths games for homework to support learning  
<http://www.sumdog.com/>

## **Key Dates:**

*Week commencing 4<sup>th</sup> September 2017 until half term*

All classes will have swimming once a week: 6RB on a Tuesday; 6JA on a Wednesday; 6JG and 6LH on a Thursday and 6LR on a Friday.

### ***Parent / Carer Consultation Meetings***

26<sup>th</sup> and 28<sup>th</sup> September 2017

### ***Year 6 Curriculum Expectations Meeting***

Tuesday 19<sup>th</sup> September 2017 at 9am in the Year 6 hall.

### ***Half Term Break***

Week commencing Monday 23<sup>rd</sup> October 2017

## **Reminders:**

- Please make sure your child is punctual every day and arrives in the line before 08:45. In the line by a quarter to 9!
- Learning starts at 8:45 with Early Morning Work (grammar/spelling /maths).
- Ripple Primary offers Breakfast Club every morning, where you can leave your child from 08:00 with school staff to supervise them. This is free of charge UNLESS you want your child to eat breakfast. This is paid for through your Parentmail account – the same as school dinners.
- Please ensure that your child attends any before or after school interventions that have been offered to them.

## **CGP Revision Guides**

It is recommended that you purchase a set of CGP revisions guides through Parentmail for your child to use at home in order to prepare for the NATs test.

Throughout the year, homework will be set using the guides. Additionally, your child's teacher can signpost them to use certain sections for personalised learning. They are available at the reduced price of £7.50 for the set of three- English, maths and science.