

Homework Summer 1 2018

Year 5

**All children are expected to complete the green squares, this is your core homework.** Yellow squares are optional for those of you who want an extra challenge. **White squares are your home learning. Choose at least two of these to complete.** Date the squares as you complete them. All homework is to be brought into school by 23.05.18.

| Science Challenge   | Eco-warrior!   | Geography  | Maths Challenge   |
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| Create your own quiz all about electricity! Now see if you can test your family or friends!   | Take a river walk and collect as much litter as you can to recycle or put in the bin.  | Research the water cycle and present your findings. For example, you could create a Powerpoint presentation, a poster, or a detailed drawing to explain what you have found.                           | Create a poster, presentation, or e-how video all about addition and subtraction or multiplication and division. You could include different questions, examples and representations. |
| Going Places  | English Task 1   | Maths Problem Solving Task 1   | ICT   |
| Visit a nearby river and see what wildlife you can spot. Can you sketch and name any?   | Rewrite a scene or chapter from 'The Wind in the Willows' in first person. Can you think of an alternative ending for the scene?   | What is the smallest and largest six digit number you can write using each of the digits 8, 2, 5, 4, 7 and 3 only once? Can you write them in two number sentences using the inequality signs > and <? | Visit Typing Club online. See how far you can progress through the levels whilst improving your speed and accuracy.   |
| History   | Maths Problem Solving Task 2   | English Task 2   | Art   |
| In <i>The Wind in the Willows</i> , Toad's car is not like modern cars today. Research how transport has changed in the past 100 years. | Sam says that to multiply by 25, you can multiply by 100 then halve and halve again. Is he correct? Explain your reasoning.  | Imagine you are teaching an alien from outer space...write and illustrate a set of instructions for your favourite game or activity.   | Use any recycled materials to create your own river collage or mosaic.  |
| Reading Challenge   | You're the teacher!  | Home Learning  | Writing Challenge   |
| Read a book (or more than one!) that links to our topic. Use a template (or create your own) to write a book review.                    | Choose one of your homework challenges and teach a friend or family member what you have learnt. You could create a presentation or think of questions or a related activity that they could complete. | Your choice: choose an activity to help you find out more about our topic – Down by the river...   | Create your own word search based on our focus text – The Wind in the Willows.  |

**Spelling rules to practice**

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| <ul style="list-style-type: none"> <li>Wk1</li> <li>Wk2</li> <li>Wk3</li> <li>Wk4</li> <li>Wk5</li> <li>Wk6</li> </ul> | <ul style="list-style-type: none"> <li>Revise the year 5 spelling words. Choose 10 you can't spell correctly and practise these</li> <li>Write as many different homophones as you can, then write them in a sentence (e.g. there/their,thrown/throne)</li> <li>Practise using possessive apostrophes and apostrophes for contractions (can't, I'm)</li> <li>Write words ending with the 'cian', 'tion', and 'sion' sounds. Now check if they are spelt correctly.</li> <li>Revise the year 5 spelling words. Choose 10 you can't spell correctly and practise these</li> <li>Write as many different homophones as you can, then write them in a sentence (e.g. there/their,thrown/throne)</li> </ul> |
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**Number skills to practice**

- By now, the children should know all their times tables up to 12x12 and related division facts. Identify any tables you don't know and practise these
- Establish whether a number up to 100 is prime, and recall prime numbers up to 19
- Multiply and divide whole numbers and those involving decimals by 10, 100 and 1000
- Solve addition and subtraction multi-step problems