



## Giraffe (Year 6) Spring Term Newsletter





## English



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*This term, Year 6 will be studying three core texts: Mortal Engines by Philip Reeve, Race to the Frozen North by Catherine Johnson and Artemis Fowl by Eoin Colfer. These narratives have provided rich opportunities to enhance students' understanding of plots/subplots; figurative language; character/setting descriptions and dialogue together with the application of spelling, punctuation, and grammar rules. Through analytical discussions and creative writing tasks, pupils are able to apply these principles practically. Regular practice for the SATs will be incorporated, helping to prepare students for their upcoming assessments. Additionally, a spelling quiz will continue every Friday, reinforcing their vocabulary and spelling proficiency.*

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## Maths

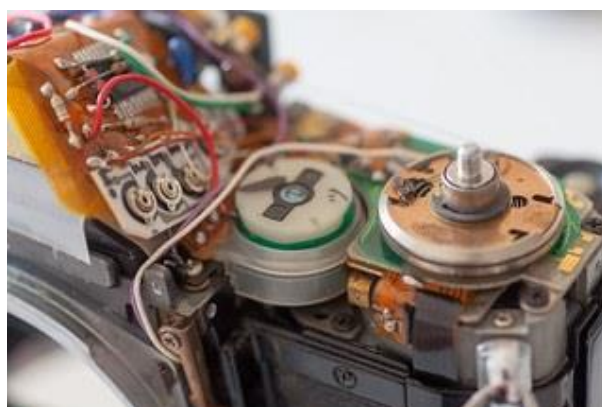


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*This term, Year 6 will engage in a comprehensive mathematics curriculum encompassing various key concepts. Our children will explore adding and multiplying numbers, employing ratio language, and introducing the ratio symbol. They will examine the relationship between ratios and fractions, undertake scale drawings and apply scale factors to similar shapes and ratio problems. In algebra, we will focus on forming expressions, substitution, and developing formulae to form equations. Furthermore, they will investigate the equivalence between decimals, fractions, and percentages, including ordering these values and calculating percentages of amounts. Geometry topics will cover the area and perimeter of various shapes, with detailed exploration of triangular and parallelogram areas, alongside volumetric calculations of cuboids.*

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## Science



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*In the Electrical Circuits and Components project, your child will consolidate their understanding of the components that make up a circuit, such as a lamp, cell, wire and*



*switch. They will make a range of circuits and use symbols to draw circuit diagrams. Our children will learn about electric currents and measure the voltage of different cells. They will discover how cells produce electricity and research questions about cells and batteries. Your child will also learn how the voltage across a circuit affects the performance of different components. They will explore how programmable devices are used in everyday life and create a program to switch a light on and off via a light sensor. They will use the knowledge gained throughout the project to design, make and evaluate a programmable home device.*

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## Geography



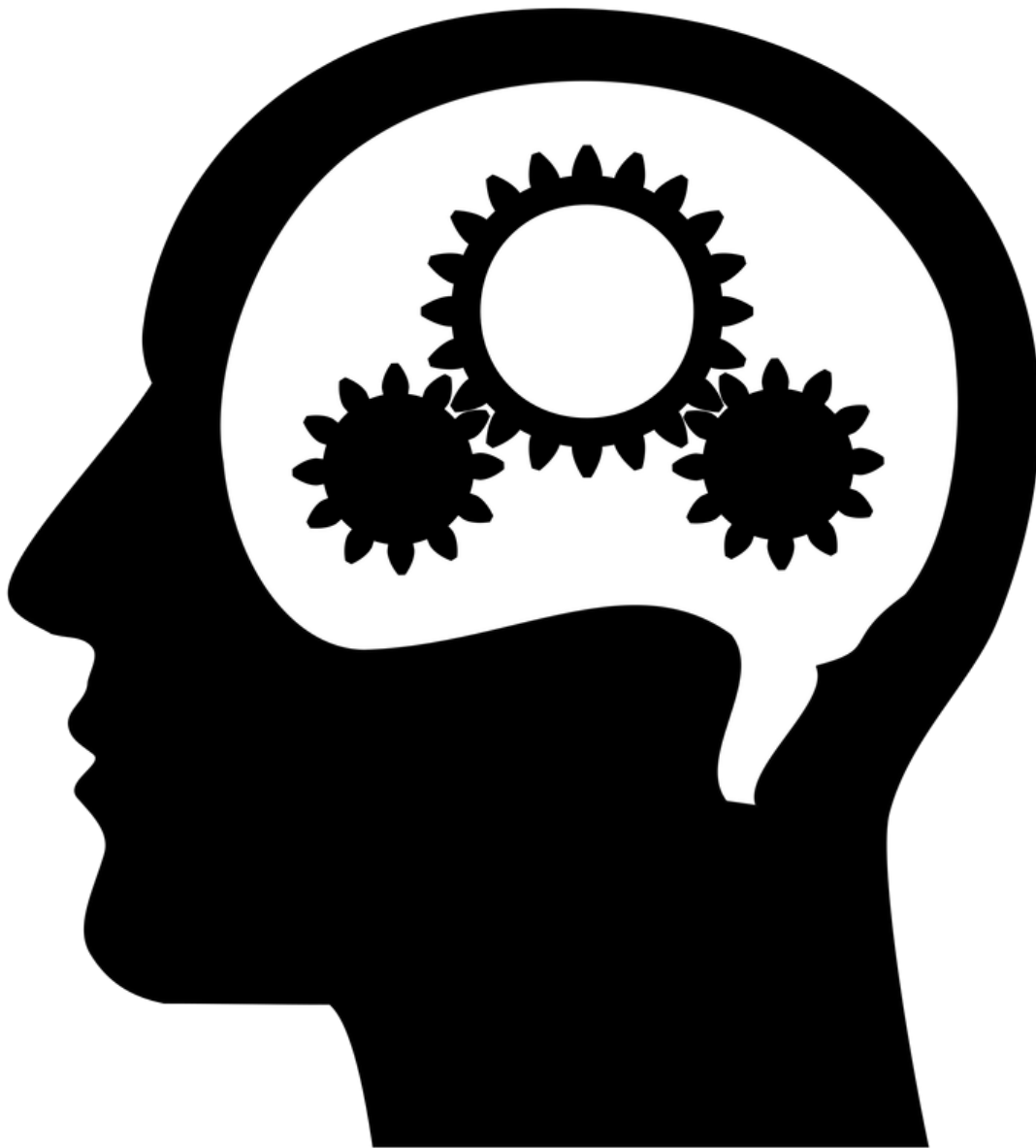
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*In the Frozen Kingdoms project, our children will learn about the regions of the Arctic and Antarctic. They will learn about the similarities and differences between these two regions, including the climate, landscape and natural resources. They will learn how to use grid references, lines of latitude and longitude, contour lines and symbols to identify the geographical locations of the Arctic and Antarctic, and how these, along with the tilt of the Earth, affect day length and warmth. They will investigate polar oceans to learn how they differ from other oceans on Earth and how climate change increases Earth's temperature*

*and leads to rising sea levels. They will learn about the indigenous people of the Arctic, including how their lives have changed over time, and about the positives and negatives of tourism in Antarctica. They will also learn about classifying animals, animal adaptations and evolution, and polar exploration and discovery.*

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## PSHE



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*Our PSHE topic this half term is Dreams and Goals. In this Puzzle the class talk about their own strengths and further stretching themselves by setting challenging and realistic goals. They discuss the learning steps they'll need to take as well as talking about how to stay motivated. The children explore various global issues and explore places where people may*

*be suffering or living in difficult situations – whilst doing this they reflect on their own emotions linked to this learning. The class will also talk about what they think their classmates like and admire about them as well as working on giving others praise and compliments. New key vocabulary that may be introduced: Personal, realistic, unrealistic, criteria, learning steps, global, issue, suffering, concern, hardship, empathy, praise, compliment, recognition*

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## Religious Education



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*In this enquiry, the children look at the Sanatani belief that we all have a part of Brahman within us. They will consider how this belief could impact on their lives and the choices they make.*

*The children will be exploring the following:*

*Atman: eternal self*

*Trimurti: three deities working together to reflect the laws of nature - namely*

- Brahma: creator*
- Vishnu: preserver*
- Shiva: destroyer*

*As part of their learning you may wish to explore together the following questions:*

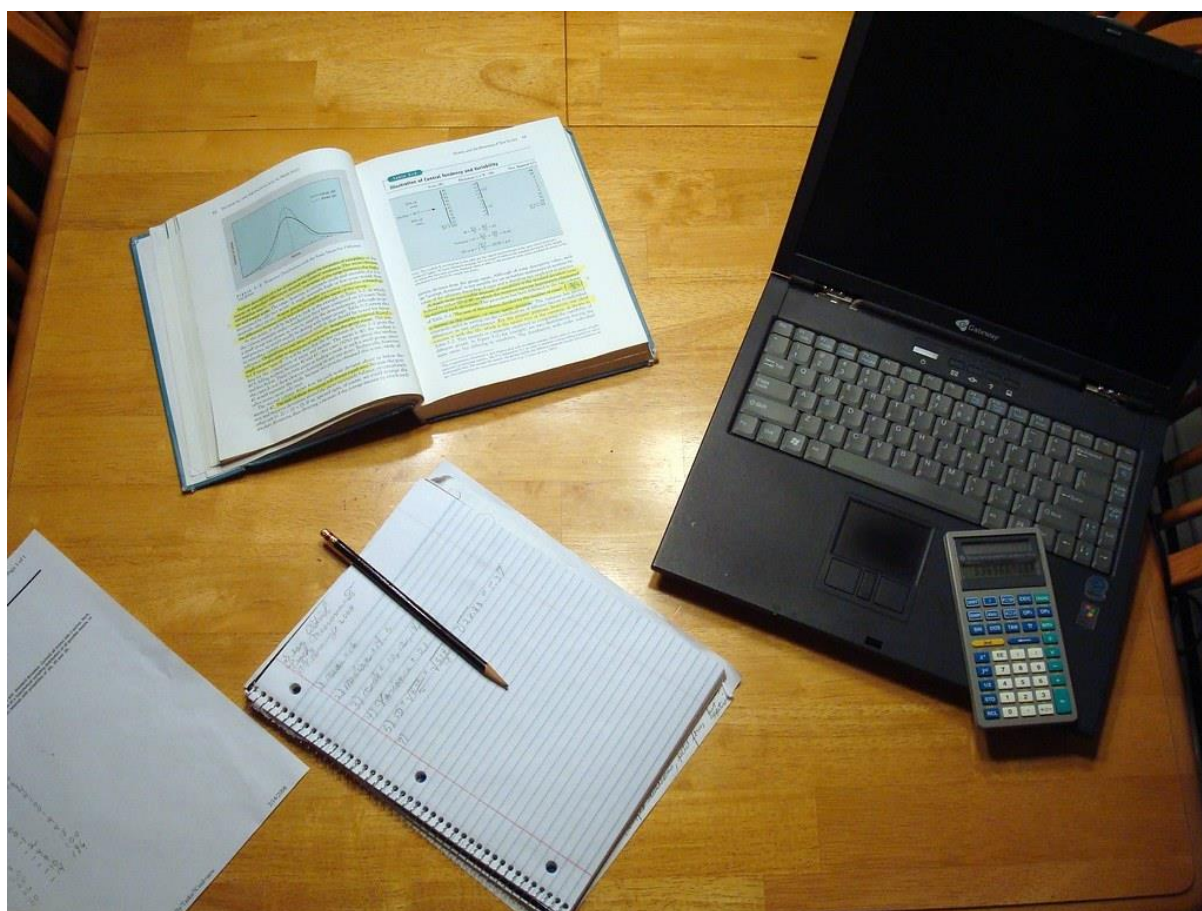
*What do we think is the meaning of life?*

*How can we make the best decisions to look after the people around us?*

*Can we list each other's strengths?*

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## Homework



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*Your child is expected to read as much as possible at home during a week and will earn dojos for their efforts!*

*In Year 6, pupils are expected to spend at least fifteen minutes per week practising their multiplication tables on Times Table Rock Stars. Spell Shed is a fantastic resource to help your child learn their spellings for the week. Log on regularly during the week to find spelling games that are linked to your child's spelling words.*

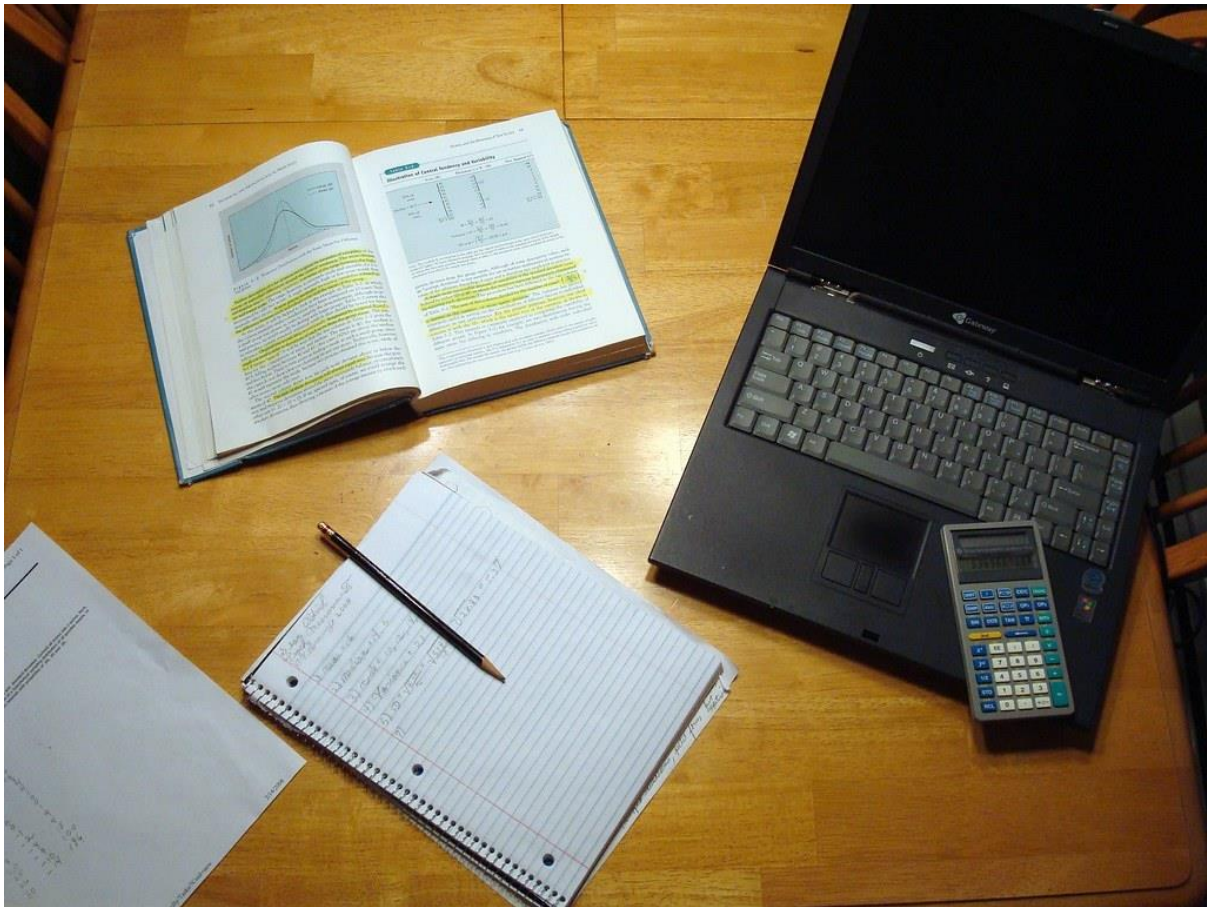
*All logins are stuck into the front of your child's planner.*

*The children have made an excellent start to their CGP homework. To clarify - each child has a Maths, Reading and GPS home work. They will receive two activities at a time which should take approximately 20 mins altogether. This homework will be set on Mondays (for the next Thursday) and Fridays (for the next Monday). The Giraffe team will be supporting your children to make use of their Reading Record Books to record homework information with a view to preparing them for their next school in September.*





## Websites to support learning



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<https://trockstars.com/>

[www.spellshed.com](http://www.spellshed.com)

<https://nrich.maths.org/>

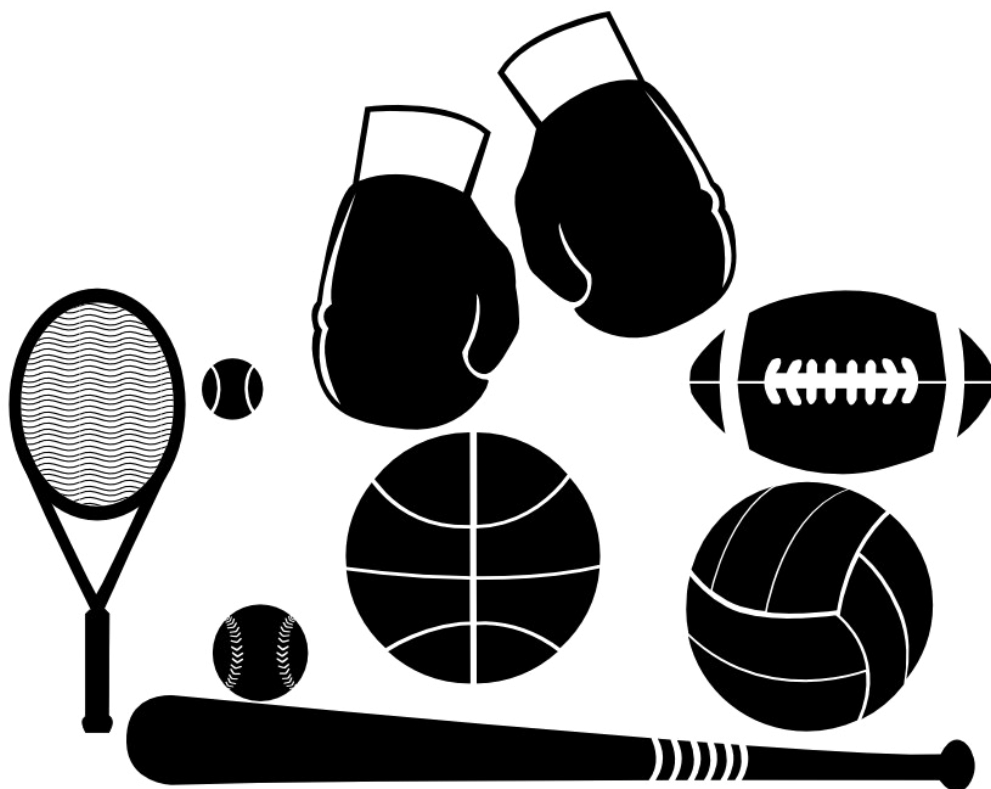
<https://www.bbc.co.uk/bitesize/levels/zbr9wmn>

<https://www.natgeokids.com/uk/>

<https://www.bbc.co.uk/newsround>

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## PE



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*During this term we will be focusing on Dance and Multiskills.*

*KS2 (Elephants, Tigers, Flamingos and Giraffes). Trainers for outdoor PE. Tracksuit bottoms and sweatshirt in navy or black.*

*Please note: Football boots and shin pads are required by those children who play in football club.*

*For health and safety reasons, all children will have bare feet for dance and gymnastics. Please contact the class teacher if your child has a medical condition which affects their feet.*

*Please note that children are not allowed to wear nail varnish, false eye lashes, eyelash extensions, make up or dye their hair (temporary or permanent) for school. Earrings if worn must be studs and on PE days must be covered with tape or removed. Long hair must be tied back at all times at school.*

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## Equipment



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*Your child will need to bring in a water bottle and have the following kept in a pencil case:*

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- *pencils*
  - *ruler*
  - *rubber*
  - *pencil sharpener*
  - *glue stick*
  - *pencil case*
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*(these items can be purchased from the school office) These items will be very useful for your child to have:*

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- *A small dictionary (to keep on their desk)*
    - *Highlighters*
    - *Colouring pencils*
    - *Scissors*
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## Contacting school



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*If you need to contact a class teacher please use the [year6@cheddington.bucks.sch.uk](mailto:year6@cheddington.bucks.sch.uk) email address. This email address is not monitored throughout the school day so if there is an urgent message that needs our attention please email [admin@cheddington.bucks.sch.uk](mailto:admin@cheddington.bucks.sch.uk). We aim to reply to message to the class email address within 48hours.*

*The school telephone number is: 01296 668324*

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