



Supporting Your Child's Learning
Summer Term - Year 7

At Yardleys, we understand that it can sometimes be difficult to know how best to support your children through their studies. But we also know that the more our students talk about their work, both inside and outside of school, the deeper and more flexible their learning. We need you to help us promote the school values of **curiosity** and **reflection** beyond our classrooms and, in doing so, help your child on their journey to academic success!

Below is a condensed plan of what your child will be studying in their core subjects this term, along with some suggestions of additional home learning activities designed to provide further challenge- things you might watch, listen to or discuss together - in order to support their learning in school.

	Watch (Access ClickView via the 'Homework Hub' section of the VLE)	Listen (Use BBC Sounds and Spotify to access suggested podcasts)	Discuss (Start up a conversation with your child around these topics)
Summer 1			
English Students will be continuing to explore their understanding of the conceptual framework of identity by analysing a collection of poems .	Perfecting Poetry: Soundscapes and Imagery in Poetry (English Essentials: Middle Secondary) Poetry: Between the Lines, The Romantics Know Your Poetry: Sonnets	Is Taylor Swift Our Greatest Living Poet? Teach Me a Lesson Podcast (7 Nov 2002) A Poem For Every Day of the Year (audiobook) Allie Esiri	Does a person's identity change if they move to live in another country? What is the impact of culture on a person's identity? How can poetry help someone express parts of their identity that are difficult to say out loud?
Maths Students will cover the following topics: Ratio, forming and solving equations, and angles	Who invented algebra?: https://www.youtube.com/watch?v=Ok5BGimzUkg http://corbettmaths.com/2012/08/24/solving-equations/ http://corbettmaths.com/2013/04/20/forming-and-solving-equations/ http://corbettmaths.com/2013/03/05/measuring-angles/ http://corbettmaths.com/2013/03/04/drawing-angles/ http://corbettmaths.com/2013/12/19/angles-straight-line-video-35/ http://corbettmaths.com/2012/08/10/angles-in-a-triangle/ http://corbettmaths.com/2013/03/16/vertically-opposite-angles/		How can ratio be used to share objects fairly between people? How can real-life problems be turned into equations and solved? <i>What angle rules can we use to find missing angles in different shapes?</i> Explain the difference between solving an equation and simplifying an expression. Why is the word "balance" important when solving equations? What is an angle? What are the different types of angles called? How do you tell the difference between each one? How do you use a protractor to measure angles? Which angle facts have you learned? Can a triangle have a reflex angle? How many obtuse angles can a triangle have?
Science Students will be exploring the science of cells , focussing on the role of sub-cellular structures	The secrets of our cells https://www.youtube.com/watch?v=0GX24jmsNIc Short Circuit: Photosynthesis		Why are plants crucial to humans? How can we prevent the extinction of the Blue Whale?

<p>found in plant and animal cells.</p>	<p>Science in Action: Respiration</p> <p>David Attenborough: Blue Whale Extinction.</p>		
Summer 2			
<p>English</p> <p>Students will be practicing their imaginative writing producing responses centring around object descriptions.</p>	<p>Stephen Fry's Planet Word - Identity</p> <p>BBC Bitesize daily: Secondary English: Passive and Active Voices</p> <p>BBC Bitesize: English What is a passive sentence</p> <p>Elements of Art: colour</p>	<p>Students would benefit from listening to or reading a fiction novel, short story or audiobook. Examples of short story collections include:</p> <p><i>Under My Hat: Tales from the Cauldron</i>, J. Strahan</p> <p><i>Next</i>, Ketih Gray</p> <p><i>How They Met and Other Stories</i>, David Levithan.</p>	<p>What objects do you own that best describe your identity and why do they do that?</p> <p>Can you describe a colour without naming it?</p> <p>Which object in your home has the most meaning to you and what memories does it have attached to it?</p> <p>If your object could speak or think, what would it say about you?</p>
<p>Maths</p> <p>Students will cover the following topics: area, sequences, data handling and representing data.</p>	<p>http://corbettmaths.com/2013/12/21/area-of-a-parallelogram-video-44/</p> <p>http://corbettmaths.com/2013/12/21/area-of-a-parallelogram-video-44/</p> <p>http://corbettmaths.com/2013/12/20/area-of-a-triangle-video-49/</p> <p>http://corbettmaths.com/2013/11/13/describingrules/</p> <p>http://corbettmaths.com/2013/11/13/missingterms/</p> <p>https://corbettmaths.com/2019/03/27/fibonacci-sequences/</p> <p>BBC Sounds: The Fibonacci Sequence https://www.bbc.co.uk/sounds/play/b008ct2j</p> <p>BBC Sounds: Data, Data, Everywhere https://www.bbc.co.uk/sounds/play/b03kqfzx</p> <p>http://corbettmaths.com/2013/04/20/data-handling-cycle/</p> <p>https://corbettmaths.com/2019/01/04/primary-secondary-data/</p> <p>http://corbettmaths.com/2013/04/20/quantitative-and-qualitative-data/</p>	<p>How can we calculate the area of different 2D shapes, and where is this useful in real life?</p> <p>How can we find patterns in sequences and predict the next terms?</p> <p>A sequence starts with the numbers 2 and 6. How many different ways can you continue this sequence?</p> <p>Research the words arithmetic, geometric and Fibonacci to help you.</p> <p>How can we collect and organise data to answer a question?</p> <p>What are the best ways to display data so it is easy to understand?</p>	
<p>Science</p> <p>Students will be studying cells to systems. They explore how different cells can build to form tissues and organs which eventually form different systems. This topic also includes reproduction in plants and animals, including pregnancy and birth.</p>	<p>Systems of the Human Body: Skeletal Systems</p> <p>In Depth with Cells: Cells and Their Organelles</p> <p>Plant Reproduction https://www.bbc.co.uk/teach/class-clips-video/articles/ztm2h4j</p>		<p>Why do cells come in different shapes and sizes?</p> <p>What's the role and purpose of the human skeleton?</p> <p>What plants do you have in your garden or local park? Why do they thrive there? If you are not sure you could download a free plant identification app to find out!</p>

In Summer 2, there is a whole school assessment week (mirroring that held in December) where students will be assessed on their knowledge this year. Sit with your child and make a revision timetable and encourage them to spend time revising each day rather than cramming the night before.

