

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 practicing their imaginative writing producing responses centring around object descriptions.	Stephen Fry's Planet Word – Identity BBC Bitesize daily: Secondary English: Passive and Active Voices BBC Bitesize: English What is a passive sentence Elements of Art: colour	Students would benefit from listening to or reading a fiction novel, short story or audiobook. Examples of short story collections include: Under My Hat: Tales from the Cauldron, J. Strahan Next, Ketih Gray How They Met and Other Stories David Levithan.	What objects do you own that best describe your identity and why do they do that? Can you describe a colour without naming it?		
Maths Students will cover the following topics: forming and solving equations, and angles	Stories, David Levithan. 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/		Explain the difference between solving an equation and simplify 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? What angle facts have you learned?		
Science Students will be exploring the science of cells, focussing on the role of sub-cellular structures found in plant and animal cells.	Short Circuit: Photosynthesis Science in Action: Respiration David Attenborough: Blue Whale Extinction.		Why are plants crucial to humans? How can we prevent the extinction of the Blue Whale?		

Summer 2			
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	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?
Maths Students will cover the following topics: area, sequences, data handing and representing data.	http://corbettmaths.com/2013/12/21/area-of-a- parallelogram-video-44/ http://corbettmaths.com/2013/12/20/area-of-a-triangle- video-49/http://corbettmaths.com/2013/11/13/describingrules/ http://corbettmaths.com/2013/11/13/describingrules/ http://corbettmaths.com/2013/11/13/missingterms/ https://corbettmaths.com/2013/03/27/fibonacci- sequences/ BBC Sounds: The Fibonacci Sequence https://www.bbc.co.uk/sounds/play/b008ct2jBBC Sounds: Data, Data, Everywhere https://www.bbc.co.uk/sounds/play/b03kqfzxhttp://corbettmaths.com/2013/04/20/data-handling- cycle/ https://corbettmaths.com/2013/04/20/quantitative-and- qualitative-data/		Explain the difference between the words parallel and perpendicular. Which formulae for the area of 2D shapes have you learned? A sequence starts with the numbers 2 and 6. How many different ways can you continue this sequence? Research the words arithmetic, geometric and Fibonacci to help you. Describe the data handling cycle. What do you need to consider before collecting data?
Science Students will be studying chemical reactions. They will also explore how some chemicals can be grouped into acids, neutral and alkali substances using indicators.	Systems of the Human Body: Skeletal Systems In Depth with Cells: Cells and Their Organelles		Why do cells come in different shapes and sizes? What's the role and purpose of the human skeleton?

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.