



Supporting Your Child's Learning
Summer Term - Year 8

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 developing their understanding of narrative structures.	Grammar for Writing S01 E05: Creating Drama and Tension BBC Bitesize daily: Secondary English: Passive and Active Voices BBC Bitesize: English What is a passive sentence	Students would benefit from listening to or reading a fiction novel, short story or audiobook. Examples of short story collections include: <i>Tales of the Unexpected</i> , Roald Dahl <i>The Sleeper and the Spindle</i> , Neil Gaiman <i>The Woman in Black</i> , Susan Hill (for setting and genre)	How does a writer make a place feel interesting or important in a story? How does the setting of a story help create mood or hint at what might happen? If a story were told from a different character's perspective, how might it change? Can a narrator always be trusted or can a story mislead its reader on purpose?
Maths Students will cover the following topics: volume and nets, angles and properties of triangles and quadrilaterals and averages .	How to draw regular shapes using a compass https://www.bbc.co.uk/bitesize/articles/zvn7dp3 The approximate history of area and volume (BBC Bitesize) https://www.bbc.co.uk/bitesize/topics/z87fg82/watch/z2q2hv4 Volume of a Prism (BBC Bitesize) https://www.bbc.co.uk/bitesize/articles/z2xsqyc Angles in triangles and quadrilaterals https://www.bbc.co.uk/bitesize/guides/zb9h7yc/revision/1 What is the world's average salary? (BBC More or Less) https://www.bbc.co.uk/sounds/play/p00pp577	How many ways can you make a net for a cube? What about a cuboid? What is the difference between prism and non-prism? What is a prism? How many can you name and draw? How do you find the volume of a prism? How are concepts of volume and area linked? What rules help us find missing angles in triangles and quadrilaterals? Can you draw all of the different types of triangles and quadrilateral and give their properties? How can you use the angle sum of a triangle to work out the angle sum of a quadrilateral? How can you use the angles in a triangle to show that angles on a straight line add to 180 degrees?	

<p>Science</p> <p>Students will be exploring atmospheric chemistry - how particles in chemical reactions affect the atmosphere.</p>	<p>Acid Rain: The Silent Crisis</p> <p>Science Kids: Human Impact on Earth's Systems and Global Warming</p> <p>Climate Change: The Facts</p>	<p>https://www.bbc.co.uk/future/article/20190823-can-lessons-from-acid-rain-help-stop-climate-change</p>	<p>What are the impacts of global warming? Why is this a concern for the future? Can you identify any solutions?</p> <p>Discuss a recent natural disaster which has taken place around the world. How has this impacted people's lives?</p>
Summer 2			
<p>English</p> <p>Students will be continuing to explore their understanding of the conceptual framework of power by analysing a collection of poems.</p>	<p>Perfecting Poetry: Soundscapes and Imagery in Poetry (English Essentials S01 E01)</p> <p>Know Your Poetry: Narrative Poetry</p> <p>Perfecting Poetry: Purpose, Forms and Structure of Poetry</p>	<p>Is Taylor Swift Our Greatest Living Poet? Teach Me a Lesson Podcast (7 Nov 2002)</p> <p>A Poem For Every Day of the Year (audiobook) Allie Esiri</p> <p>Poem-A-Day from American Society</p>	<p>How can power affect the way people think, act or make decisions?</p> <p>What is the impact of power when it is used responsibly or irresponsibly?</p> <p>How can poetry be used to challenge, question or express ideas about power?</p>
<p>Maths</p> <p>Students will cover the following topics: frequency tables, linear sequences, linear graphs, translation</p>	<p>The story of average (BBC More or Less) https://www.bbc.co.uk/sounds/play/p03pnkns https://corbettmaths.com/2012/08/19/means-from-frequency-tables/</p> <p>The Fibonacci Sequence (In Our Time podcast) https://www.bbc.co.uk/sounds/play/b008ct2j</p> <p>https://corbettmaths.com/2012/08/20/the-nth-term-for-linear-sequences/ https://corbettmaths.com/2012/12/23/drawing-graphs-using-xy-tables/</p> <p>Translation by Vectors (BBC Bitesize) https://www.bbc.co.uk/bitesize/articles/zqrkpbk https://corbettmaths.com/2012/08/10/transformations-translations/</p>	<p>How do frequency tables help organise data?</p> <p>What does the word frequency mean? How can you find the mean, mode and range from a frequency table?</p> <p>What types of sequence do you know? If I start a sequence with 2 and 10, what could the third term be.</p> <p>How can we find the rule for a linear sequence?</p> <p>What does a straight-line graph tell us?</p> <p>What do linear graphs look like? How do you make one? How are they linked to sequences?</p> <p>How does translation move a shape on a grid?</p> <p>How are column vectors used to describe movement?</p>	
<p>Science</p> <p>Students will be studying cycles of life - how ecosystems work and the way humans are disturbing and negatively impacting those ecosystems.</p>	<p>BBC Teach: Ecosystems and Biomes (S01 E01)</p> <p>Environmental Systems: Human Impact on Ecosystems</p> <p>Secret Garden with David Attenborough</p> <p>https://www.bbc.co.uk/iplayer/episode/m002ts9r/secret-garden-series-1-2-bristol</p> <p>After watching above, discuss how you could improve your own green spaces to promote more biodiversity and encourage wildlife.</p>	<p>How do we as humans negatively impact ecosystems? How could you improve your local ecosystem/garden/park space?</p> <p>Are zoos ethical or moral? Under which circumstances is it just to keep animals in cages?</p> <p>How can we solve the problem of climate change? Think about individual choices, and larger societal ones?</p>	
<p>In Summer 2, there is a whole school assessment week (mirroring that held in December); students will be assessed on their knowledge from across the year in all subjects. Sit with your child and make a revision timetable and encourage them to spend time revising each day rather than cramming the night before.</p>			

