


















## Year 9 – Super Curriculum – Maths

Term 1	Term 2	Term 3
<p>How not to be wrong: The Hidden Maths of Everyday Life:  <a href="https://www.waterstones.com/book/how-not-to-be-wrong/jordan-ellenberg/9780718196042">https://www.waterstones.com/book/how-not-to-be-wrong/jordan-ellenberg/9780718196042</a>   <a href="https://xkcd.com/688/">https://xkcd.com/688/</a></p> 	<p>Try out these Maths games and see if you can work out how to always win!  <a href="https://wild.maths.org/interstitial/Pi-ay-to-win">https://wild.maths.org/interstitial/Pi-ay-to-win</a></p>  	<p>Watch Hidden Figures which is a film based on Katherine Johnson's life working at NASA and the challenges she faced.</p>  
<p>Intermediate Maths Challenge 2023 Paper Question Paper: <a href="https://ukmt.org.uk/wp-content/uploads/2024/02/IMC_2024-Paper.pdf">https://ukmt.org.uk/wp-content/uploads/2024/02/IMC_2024-Paper.pdf</a>            Answers: <a href="https://ukmt.org.uk/wp-content/uploads/2024/02/IMC-2024-Extended-Solutions.pdf">https://ukmt.org.uk/wp-content/uploads/2024/02/IMC-2024-Extended-Solutions.pdf</a></p> 	<p>See if you can put these in size order using your knowledge of standard form.  <a href="https://nrich.maths.org/6349">https://nrich.maths.org/6349</a></p> <p>At the end you can write down which you found harder and why.</p> 	<p>Research <math>\pi</math> and see if you can find out why it is 3.14... and anything else. For example what formulae is it used in or when was it first discovered!</p> 
<p>Women in Maths            Click on the link below and find out about amazing Women in Mathematics!  <a href="#">Women in Maths.pptx</a></p> 	<p>Watch the film based on the biography of John Forbes Nash Jr. Which is based on the life of an American Mathematician.</p> 	<p>Watch one of these videos and write down 3 things that surprised you!  <a href="https://www.youtube.com/@xkcd_whatif/videos">https://www.youtube.com/@xkcd_whatif/videos</a></p> 
<p>Go on a day out to Birmingham Think Tank Museum. Enjoy the Science Garden and all the other interesting displays!  <a href="https://www.birminghammuseums.org.uk/thinktank/visit">https://www.birminghammuseums.org.uk/thinktank/visit</a></p> 	<p>Go to Bletchley Park and learn about the first computers and how they helped change the outcome of WW2.  <a href="https://bletchleypark.org.uk/">https://bletchleypark.org.uk/</a></p> 	<p>Go to the National Space Centre and see real rockets!  <a href="https://www.spacecentre.co.uk/">https://www.spacecentre.co.uk/</a></p>  

### Key

<b>Reading Task</b>		<b>Creative Task</b>	
<b>Research Task</b>		<b>Listening</b>	
<b>Problem Task</b>		<b>Writing Task</b>	
<b>Trip or Visit</b>		<b>Watching Task</b>	

	Term 1
	Term 2
	Term 3