



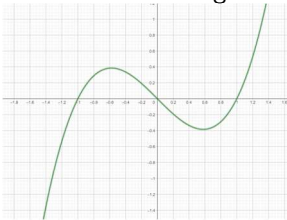


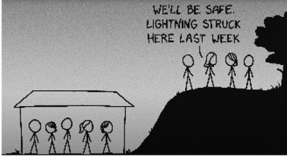










Year 11 – Super Curriculum – Maths

Term 1	Term 2	Term 3
<p>How not to be wrong: The Hidden Maths of Everyday Life https://www.waterstones.com/book/how-not-to-be-wrong/jordan-ellenberg/9780718196042 https://xkcd.com/688/</p> 	<p>Try out these Maths games and see if you can work out how to always win! https://wild.maths.org/interstitial/Pi-ay-to-win</p>  	<p>Pick topics from Maths Genie to Revise. Remember to check your answers as you go: https://www.mathsgenie.co.uk/gcse.html</p> 
<p>Intermediate Maths Challenge 2023 Paper Question Paper: https://ukmt.org.uk/wp-content/uploads/2024/02/IMC_2024-Paper.pdf Answers: https://ukmt.org.uk/wp-content/uploads/2024/02/IMC-2024-Extended-Solutions.pdf</p>	<p>Create a short video that teaches another Year 11 about a topic you find the most interesting in Maths!</p>  	<p>How many colours do you need to colour in a map? Here you can learn the answer! https://www.youtube.com/watch?v=NgBK43jB4rQ</p> 
<p>Pick a video from XKCD and tell your teacher about what you learned from it!</p>   <p>https://www.youtube.com/@xkcd_whatif/videos</p>	<p>See if you are a quadratic genius and try this activity! You can always recap how to factorise quadratics first.</p> $(x^2 - 5x + 5)^{x^2 - 11x + 30} = 1$ <p>https://nrich.maths.org/11009</p>	<p>Pick a past paper and get exam ready! https://www.mathsgenie.co.uk/papers.html Watch the videos to help if you get stuck.</p> 
<p>Go on a day out to Birmingham Think Tank Museum. Enjoy the Science Garden and all the other interesting displays! https://www.birminghammuseums.org.uk/thinktank/visit</p> 	<p>Go to Bletchley Park and learn about the first computers and how they helped change the outcome of WW2. https://bletchleypark.org.uk/</p> 	<p>Go to the National Space Centre and see real rockets! https://www.spacecentre.co.uk/</p>  

Key

Reading Task 	Creative Task 
Research Task 	Listening 
Problem Task 	Writing Task 
Trip or Visit 	Watching Task 

	Term 1
	Term 2
	Term 3