






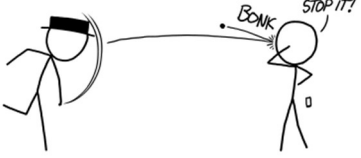












Year 7 and 8 – Super Curriculum – Maths

Term 1	Term 2	Term 3
<p>Why don't penguins' feet freeze? And 114 other questions by New Scientist: https://www.waterstones.com/book/why-dont-penguins-feet-freeze/new-scientist/9781473651302</p>  <p>https://xkcd.com/688/ </p>	<p>Watch a What If Video and write down 3 things you learned. https://www.youtube.com/@xkcd_whatif/videos</p> 	<p>Maths Game https://wild.maths.org/creating-squares Your aim is to make a square before the computer to win. Or play against a friend!</p> 
<p>Junior Maths Challenge 2023 Paper Question Paper: https://ukmt.org.uk/wp-content/uploads/2024/04/JMC-2024-Question-Paper-4.pdf Answers: https://ukmt.org.uk/wp-content/uploads/2024/04/JMC-2024-Extended-Solutions-1.pdf Video Solutions: https://www.youtube.com/watch?v=IXckXDZHMTQ&list=PLTN2bMPwDm8Yb0iotZ8-SBK22jH7Njecn</p> 	<p>Design or create a scale model of a place. This could be school, home, somewhere you have been or even a place you wish would exist! You can use paper and cardboard to make it.</p>  	<p>What happens if you drop 3,000 bouncy balls on a person? https://what-if.xkcd.com/52/</p>  
<p>Complete the Golden Ratio Task in the year 7 and 8 folder! Golden Ratio.pptx</p> <p>Share your findings with Friends, Family or your teacher.</p> 	<p>Create a song or rhyme to remember a formula. Here is an example: https://www.pbslearningmedia.org/resource/mgbh.math.ns.keepchange/keep-change-flip/</p> 	<p>In this activity you will see a graph to complete but not like any graph you have seen before! https://wild.maths.org/whos-who</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