

# Bosworth Academy













## Super Curriculum



### Mathematics

Collaboration	Citizenship
Communication	Critical Thinking
Creativity	Character

## KS3 MATHEMATICS SUPER CURRICULUM YEAR 9

 <p>How not to be wrong: The Hidden Maths of Everyday Life Read Jordan Ellenberg's bestseller - it shows us, maths touches on everything we do, and a little mathematical knowledge reveals the hidden structures that lie beneath the</p>	 <p>The Maths Behind the Magic, by Adam Boddison – exploring maths and magic</p>  <p>Research Research Srinivasa Ramanujan and his influences on modern Mathematics</p>	 <p>This is not a Maths Book, by Anna Weltman – fusion of maths and art/drawing – work through fun drawing challenges with a mathematical basis</p>
<p><b>S</b> - Student Support. Support another pupil by helping them with a topic in Mathematics that they find difficult.</p>	 <p>Wild Maths – explore, imagine, experiment, create! – try and explore one of the games from the rich site: <a href="http://wild.maths.org/">http://wild.maths.org/</a></p>	 <p>King's College London – visit KCL site and attempt one of the weekly challenge competitions – <a href="https://www.kcl.ac.uk/mathsschool/Weekly-Maths-Challenge/Weekly-maths-challenge.aspx">https://www.kcl.ac.uk/mathsschool/Weekly-Maths-Challenge/Weekly-maths-challenge.aspx</a></p>
 <p>Science Museum – Maths Gallery - visit newly open section of Science Museum involving various aspects of Maths <a href="http://www.sciencemuseum.org.uk/visitmuseum/plan_your_visit/exhibitions/mathematics?ke">http://www.sciencemuseum.org.uk/visitmuseum/plan_your_visit/exhibitions/mathematics?ke</a></p>	 <p>Bletchley Park – visit Blechley Park with a friend and explore the world of coding and maths <a href="https://www.bletchleypark.org.uk/vi-sit-us">https://www.bletchleypark.org.uk/vi-sit-us</a></p>	 <p>Open Evening Support the Mathematics Department at Open Evening</p>
 <p>Listen to Travels in a Mathematical World podcast, by Peter Rowlett - featuring mathematicians talking about their work as well as features on maths history and maths news; <a href="http://www.travelsinamathematicalworld.co.uk/">http://www.travelsinamathematicalworld.co.uk/</a></p>	 <p>Watch Movie based on Biography of John Forbes Nash Jr. – mathematical genius – 'A Beautiful Mind' directed by Ron Howard</p>  <p>Listen to maths documentary podcast – Relatively Prime, by Samuel Hansen – <a href="http://relprime.com/">http://relprime.com/</a></p>	 <p>Man and the rise of Civilisation episode 1 – 'The Beginnings of Numbers' - <a href="https://www.youtube.com/watch?v=DVngFvtZwAU">https://www.youtube.com/watch?v=DVngFvtZwAU</a> Man and the rise of Civilisation episode 3 and 4 'The Divinity of Numbers' &amp; 'The world in Motion' - <a href="https://www.youtube.com/watch?v=DYqrbRLcigs">https://www.youtube.com/watch?v=DYqrbRLcigs</a> <a href="https://www.youtube.com/watch?v=hwHccZ_9aLg">https://www.youtube.com/watch?v=hwHccZ_9aLg</a></p>



Man and the rise of Civilisation  
episode 2 – 'The Elements' -  
<https://www.youtube.com/watch?v=4CReewM5VHw>



In groups, create a revision video  
suitable for a Year 10 student on a  
GCSE topic of your choice.



Be inspired by series of Man and  
the rise of Civilisation  
documentaries and create the time  
line of key number and maths  
related discoveries.