

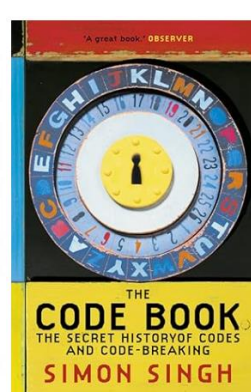
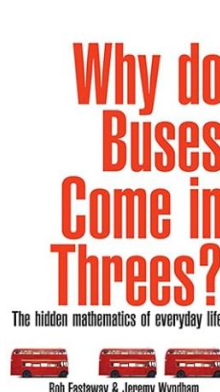
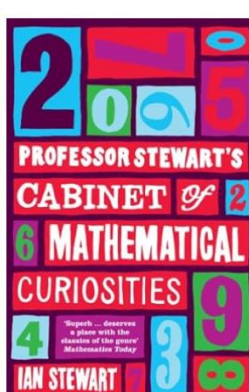
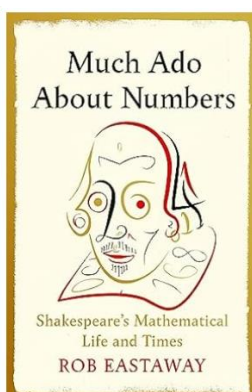
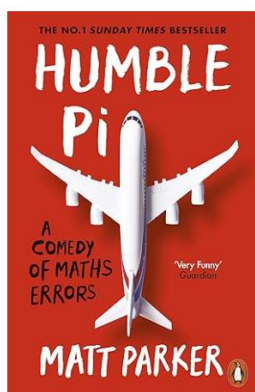
	Notes/Reflections/Ticks
Listen to a 'mathematical' podcast BBC Radio 4 - More or Less: Behind the Stats - Downloads Maths on the move! plus.maths.org BBC Radio 4 Extra - A Brief History of Mathematics - Downloads	
Complete a Maths task (or two) on https://nrich.maths.org/secondary	
Take a familiar formula like (eg cosine rule or quadratic formula) and prove it	
Read a book from the Maths reading list and make some notes	
Find a major unsolved problem in Maths and write a brief summary	
Try some UKMT Maths challenge questions – intermediate or Senior	

Mathematics Reading List		
Cabinet of Mathematical Curiosities	Ian Stewart	Y11, Y12 and Y13
How long is a piece of string?	Rob Eastaway and Jeremy Wyndham	Y9 and above
Why do Buses come in Threes?	Rob Eastaway and Jeremy Wyndham	Y9 and above
Alex's Adventures in Numberland	Alex Bellios	Y7 and above
The Number Devil	H M Enzensberger	Y7 and above
Fermat's Last Theorem	Simon Singh	Y11, Y12 and Y13
The Art of the Infinite	Robert and Ellen Kaplan	Y11, Y12 and Y13
Zero: The Nothing that is	Robert Kaplan	Y11, Y12 and Y13
The Music of the Primes	Marcus du Sautoy	Y11, Y12 and Y13
The Code Book	Simon Singh	Y9 and above
Much Ado About Numbers	Rob Eastaway	Y9 and above
Humble Pi	Matt Parker	Y9 and above
Uncle Petros and the Goldbach Conjecture	Apostolos Doxiadis	Y11, Y12 and Y13

Other ways to extend Mathematical knowledge:

[Plus Maths](#)

[10 Hard Maths Problems](#)



Yr11 Preparatory work for studying Maths 16+