Super-Cu	Super-Curricular Opportunities											
Subject	Key Stage Three	KS3 Book/Broadcast	Pre GCSE/GCSE	GCSE Book/Broadcast	Post-16	Post-16 Book/Broadc-	Websites / Virtual					
		/Competition		/Competition		ast/Competition	Tours					
Maths	Visit the Science	Books:	Watch Ted Talks	Freakonomics and	Paper trading online	Books:	Challenge yourself:					
	Museum	'● Why do Buses Come	lectures by people	Superfreakonomics by	Demo Trading	What the Numbers	Sudouku					
	Visit Bletchley Park	in Threes?' by Rob	such as Marcus du	Steven D. Levitt,	Account: Try IG's	Say: A Field Guide to	Play Free Sudoku					
	Playing collectable	Eastaway	Sautoy Marcus du	Stephen J. Dubner •	Paper Trading	Mastering Our	online - solve web					
	card games eg Net		Sautoy Search	Alex's Adventures in	Simulator IG UK	Numerical World	sudoku puzzles					
	Runner, magic the	• 'How Long is a Piece	Results TED	Numberland by Alex		(Derrick Niederman						
	gathering.	of String?' By Rob		Bellos	Listen to Radio 4	and David Boyum)	Plus Magazine –					
	 Playing strategy 	Eastaway	 Playing strategy 	Outliers by Malcolm	More or Less		Online general interest					
	games e.g. poker,	• 'The Curious Incident	games e.g. poker,	Gladwell	BBC Radio 4 - More or	The Cartoon Guide to	articles relating to					
	bridge, chess, go, Risk,	of the Dog in the Night	bridge, chess, go, Risk,		<u>Less</u>	Statistics (Larry Gonick	practical uses of					
	Monopoly, dominos,	time' By Mark Haddon.	Monopoly, dominos,	Films		& Woolcott Smith)	mathematics					
	Scrabble	Books by Martin	Scrabble	• 'Apollo 13.'	Research and make		https://plus.maths.org					
		Gardener		• 'Hidden Figures.'	notes on the concepts	The Mathematical	/content /					
	Puzzles	Books by Raymond	• If August 5th falls on	Moneyball – film	of the post-16 books	Experience by Philip J.						
		Smullyan	a Tuesday, on which	starring Brad Pitt	listed	Davis and Reuben	Nrich - a selection of					
	Draw a 3 x 3 grid and	• Snowflake, Seashell,	day will Christmas Day	about using statistical		Hersh.	rich tasks for					
	colour the squares	Star - a colouring book	fall?	analysis to make a	STEP support		developing subject					
	either red, white or	by Alex Bellos		great baseball team	programme by the	Euler: The Master of	content knowledge as					
	blue so that each red		•Can you find out how	The Imitation Game	University of	Us ALL by William	well as mathematical					
	touches a white	Watch 'The Story of	many ways you can	– film about Alan	Cambridge to help	Dunham	thinking and problem-					
	square, each white	Maths' Presented by	arrange the letters in a	Turing	students develop		solving skills.					
	touches a blue square	Marcus Du Sautoy BBC	four-letter word. Is	• X+Y – film about a	problem-solving skills	Mathematics: A Very	https://nrich.maths.or					
	and each blue touches	<u>Documentary The</u>	there a formula? How	socially awkward	and prepare for	Short Introduction by	g/9088					
	a red square.	Story Of Maths 1 The	would you do this for a	teenager who excels at	university entrance	Timothy Gowers						
		<u>Language Of The</u>	five-letter word?	the Maths Challenge!	exams:		Virtual Tours:					
	Complete the star	Universe YouTubevia			https://maths.org/ste	A Concise	The History of Science					
	challenge	torchbrowser com -		Books:	<u>p/</u>	Introduction to Pure	Museum					
	Stars (maths.org)	<u>YouTube</u>			STEP questions with	Mathematics (Martin	<u>Displays and</u>					
		TI 0 1		'Alex's Adventures in	solutions:	Liebeck)	Exhibitions History of					
		• The Code - a 3 part		Numberland' by Alex	https://undergroundm	V 42.44	Science Museum					
	Watch and discuss	documentary by		Bello	athematics.org/brows	Year 12 Master classes	(ox.ac.uk)					
	TV programmes such	Marcus du Sauto BBC		(The Cabinet of	e?typeOption=Review	at University of Kent	The Colours Masse					
	as: - Dara O Briain:	Two - The Code -		'The Cabinet of	Question&reviewQues	6 ""	The Science Museum					
	School of Hard Sums -	Episode guide		Mathematical	tionType=6	Competitions:	<u>Virtual tour of the</u>					
	Deal or No Deal –											

mathematically, are	Curiosities' by Ian	Ebook: Advanced	International	Science Museum
the contestants	Stewart	Problems in	Mathematical	Science Museum
making the right		Mathematics by	Olympaid	
decisions?		Stephen Siklos	The British	
		https://www.openboo	<u>Mathematical</u>	
Year 9 Master classes		kpublishers.com/reade	<u>Olympiad</u>	
at University of Kent		<u>r/1050#page/1/mode/</u>	(ukmt.org.uk)	
		<u>2u</u>		
			<u>University of Waterloo</u>	
			<u>Mathematics</u>	
			Competitions (CEMC)	