Subject	Key Stage Three	KS3 Book/Broadcast	Pre GCSE/GCSE	GCSE	Post-16	Post-16	Websites / Virtual
		/Competition		Book/Broadcast		Book/Broadc-	Tours
		·		/Competition		ast/Competition	
Maths	Visit the Science	Books:	Watch Ted Talks	Freakonomics and	Paper trading	Books:	Challenge yourself:
	Museum	'• Why do Buses	lectures by people	Superfreakonomics	online <u>Demo Trading</u>	What the Numbers	Sudouku
	 Visit Bletchley 	Come in Threes?' by	such as Marcus du	by Steven D. Levitt,	Account: Try IG's	Say: A Field Guide to	<u>Play Free Sudoku</u>
	Par k	Rob Eastaway	Sautoy <u>Marcus du</u>	Stephen J. Dubner •	<u>Paper Trading</u>	Mastering Our	online - solve web
	 Playing 		Sautoy Search	Alex's Adventures in	Simulator IG UK	Numerical World	sudoku puzzles
	collectable card	• 'How Long is a	Results TED	Numberland by Alex		(Derrick Niederman	
	games eg Net	Piece of String?' By		Bellos	• Listen to Radio 4	and David Boyum)	Plus Magazine –
	Runner, magic	Rob Eastaway	 Playing strategy 	Outliers by	More or Less		Online general
	the gathering.	• 'The Curious	games e.g. poker,	Malcolm Gladwell	BBC Radio 4 - More	The Cartoon Guide	interest articles
	 Playing strategy 	Incident of the Dog in	bridge, chess, go,		<u>or Less</u>	to Statistics (Larry	relating to practical
	games e.g. poker,	the Night time' By	Risk, Monopoly,	Films		Gonick & Woolcott	uses of mathematics
	bridge, chess, go,	Mark Haddon.	dominos, Scrabble	• 'Apollo 13.'	Research and	Smith)	https://plus.maths.or
	Risk, Monopoly,	Books by Martin		• 'Hidden Figures.'	make notes on the		g/content /
	dominos,	Gardener	• If August 5th falls	• Moneyball – film	concepts of the post-	The Mathematical	
	Scrabble	Books by Raymond	on a Tuesday, on	starring Brad Pitt	16 books listed	Experience by Philip	Nrich - a selection of
		Smullyan	which day will	about using		J. Davis and Reuben	rich tasks for
	Puzzles	• Snowflake,	Christmas Day fall?	statistical analysis to	STEP support	Hersh.	developing subject
		Seashell, Star - a		make a great	programme by the		content knowledge
	• Draw a 3 x 3	colouring book by	•Can you find out	baseball team	University of	Euler: The Master of	as well as
	grid and colour	Alex Bellos	how many ways you	• The Imitation Game	Cambridge to help	Us ALL by William	mathematical
	the squares either		can arrange the	– film about Alan	students develop	Dunham	thinking and
	red, white or blue	Watch 'The Story of	letters in a four-letter	Turing	problem-solving		problem-solving
	so that each red	Maths' Presented by	word. Is there a	• X+Y – film about a	skills and prepare for	Mathematics: A Very	skills.
	touches a white	Marcus Du Sautoy	formula? How would	socially awkward	university entrance	Short Introduction by	https://nrich.maths.or
	square, each	BBC Documentary	you do this for a five-	teenager who excels	exams:	Timothy Gowers	<u>g/9088</u>
	white touches a	The Story Of Maths 1	letter word?	at the Maths	https://maths.org/ste		
	blue square and	The Language Of		Challenge!	<u>p/</u>	A Concise	Virtual Tours:
	each blue touches	The Universe			STEP questions with	Introduction to Pure	The History of
	a red square.	YouTubevia		Books:	solutions:	Mathematics (Martin	Science Museum
		torchbrowser com -			https://underground	Liebeck)	<u>Displays and</u>
		<u>YouTube</u>			mathematics.org/bro		Exhibitions History

Complete the		'Alex's Adventures in	wse?typeOption=Rev	Year 12 Master	of Science Museum
·					
star challenge	• The Code - a 3 part	Numberland' by Alex	<u>iewQuestion&review</u>	classes at University	(ox.ac.uk)
Stars (maths.org)	documentary by	Bello	QuestionType=6	of Kent	
	Marcus du Sauto				The Science Museum
	BBC Two - The Code	'The Cabinet of	Ebook: Advanced	Competitions:	<u>Virtual tour of the</u>
Watch and	- Episode guide	Mathematical	Problems in	International	Science Museum
discuss TV		Curiosities' by Ian	Mathematics by	Mathematical	Science Museum
programmes such	1	Stewart	Stephen Siklos	Olympaid	
as: - Dara O			https://www.openbo	The British	
Briain: School of			okpublishers.com/re	<u>Mathematical</u>	
Hard Sums - Deal			ader/1050#page/1/m	<u>Olympiad</u>	
or No Deal –			ode/2u	(ukmt.org.uk)	
mathematically,					
are the				University of	
contestants				<u>Waterloo</u>	
making the right				<u>Mathematics</u>	
decisions?				Competitions (CEMC)	
Year 9 Master					
classes at					
University of Kent					
Critiversity of Refit					