

	KS3		KS4		KS5	
Problem solving	Nrich - great problem solving activities	https://nrich.maths.org/secondary	Nrich - great problem solving activities	https://nrich.maths.org/secondary	Nrich - great problem solving activities	https://nrich.maths.org/secondary
	Ted-ed riddles	https://www.youtube.com/playlist?list=PLJicmE8fK0EiFRt1Hm5a_7SJFaikFW30	Ted-ed riddles	https://www.youtube.com/playlist?list=PLJicmE8fK0EiFRt1Hm5a_7SJFaikFW30	Nrich Step Prep archive - challenging problem solving, ideal if you are considering going on to study maths, computer science, engineering or physics at uni	https://nrich.maths.org/10622
	Brilliant.org problem solving	https://brilliant.org/	Brilliant.org problem solving	https://brilliant.org/	Alex Bellos' weekly puzzles in the guardian	https://www.theguardian.com/science/series/alex-bellos-monday-puzzle
	The Times MindGames Number and Logic Puzzles Book 1: 500 brain-crunching puzzles		The Times MindGames Number and Logic Puzzles Book 1: 500 brain-crunching puzzles			
	Alex Bellos' weekly puzzles in the guardian	https://www.theguardian.com/science/series/alex-bellos-monday-puzzle	Alex Bellos' weekly puzzles in the guardian	https://www.theguardian.com/science/series/alex-bellos-monday-puzzle		
You-tube	ViHart - youtube channel	https://www.youtube.com/user/Vihart	Numberphile - youtube channel	https://www.youtube.com/user/numberphile	Numberphile - youtube channel	https://www.youtube.com/user/numberphile
			Stand up maths - youtube channel	https://www.youtube.com/user/standupmaths	Stand up maths - youtube channel	https://www.youtube.com/user/standupmaths
Places to go	Visit Bletchley Park	https://bletchleypark.org.uk/	Visit Bletchley Park	https://bletchleypark.org.uk/	Science Museum - The Winton Gallery	https://www.sciencemuseum.org.uk/see-and-do/mathematics-winton-gallery
	Science Museum - The Winton Gallery	https://www.sciencemuseum.org.uk/see-and-do/mathematics-winton-gallery	Science Museum - The Winton Gallery	https://www.sciencemuseum.org.uk/see-and-do/mathematics-winton-gallery		
Things to read	Alex's Adventures in Numberland by Ales Bellos		Alex's Adventures in Numberland by Alex Bellos		"Just For your interest" posters - explaining the why behind common maths	https://www.drfrostmaths.com/page.php?id=19#fyi
	Humble Pi: A Comedy of Maths Errors by Matt Parker		Why do Buses come in threes? The hidden maths of everyday life by Rob Eastaway		The Music of Primes by Marcus Du Sautoy	
			Humble Pi: A Comedy of Maths Errors by Matt Parker		Humble Pi: A Comedy of Maths Errors by Matt Parker	

			The Simpsons and Their Mathematical Secrets by Simon Singh		The Simpsons and Their Mathematical Secrets by Simon Singh	
					Plus Maths magazine	https://plus.maths.org/content/
Creative things	Visions of Numberland: A Colouring Journey Through the Mysteries of Maths by Alex Bellos		Visions of Numberland: A Colouring Journey Through the Mysteries of Maths by Alex Bellos			