











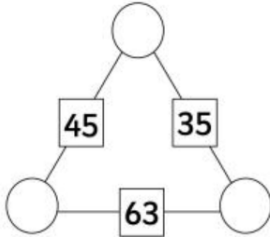






SUPER-CURRICULAR ACTIVITIES

MATHEMATICS Year 9

 Research a famous Mathematician and prepare a presentation about them to present back to your classmates.	 Challenge: use all the numbers 2, 3, 4 & 5 to make the numbers 1 to 20. Extension: can you make the half numbers e.g. 0.5 or 19.5?	 Draw a 5 x 5 grid and fill it in with five of each: red, yellow, green and blue, but no column, row or diagonal must have the same colour in it.
 If August 5th falls on a Tuesday, on which day will Christmas Day fall?	 Try the daily sudoku in the Independent newspaper. Follow Link 1 (below)	 Read 'The Curious Incident of the Dog in the Night Time' By Mark Haddon.
 Watch 'The Story of Maths' presented by Marcus Du Sautoy.	 Complete the School Fair investigation on mymaths. Follow Link 2 (below)	 Complete the Secret Agent investigation on mymaths. Follow Link 3 (below)
 Use a pair of compasses to create an accurate regular octagon. Find and watch a YouTube video to help.	 Using the Nrich website investigate tessellations. Follow Link 4 (below)	 Complete the triangle below. The numbers in each square is equal to the product of the numbers in the circle either side. <div style="text-align: center; margin-top: 20px;">  </div>
 Read 'How Many Socks Make a Pair?' by Rob Eastaway.	 Using the Nrich website to complete the Charlies Delightful machine problem. Follow Link 5 (below)	

Links to websites used in this Super-Curricular Activities sheet:

- Link 1: <https://puzzles.independent.co.uk/games/daily-sudoku/>
 Link 2: <https://app.mymaths.co.uk/399-investigate/school-fair>
 Link 3: <https://app.mymaths.co.uk/393-investigate/secret-agent>
 Link 4: <https://nrich.maths.org/6069>
 Link 5: <https://nrich.maths.org/delightful>

	Reading task		Creative task		Watching task		Student-led task
	Research task		Writing task		Listening task		Trip or visit