MATHS, BUSINESS AND COMPUTING

Welcome to the Maths, Business and Computing Super Curriculum. Below you'll find a whole host of things to do to stretch yourself beyond the classroom curriculum.

This month explore the fascinating world of Mathemagic with us. It is magic until you understand it, but Maths thereafter. In Business we are looking at the effects when business decisions go wrong and in Computing we are diving into the birth of the computer and brushing up on our knowledge of cyber security using the 'Brilliant' platform.

📖 READ

MATHS: Maths tricks you didn't know about - medium.com

BUSINESS AND ECONOMICS: Why Good Leaders Make Bad Decisions - hbr.org

COMPUTING: *The Pattern on the Stone: The Simple Ideas That Make Computers Work* by Daniel Hillis. **A short but interesting read explaining the basic concepts of the computer in everyday language.**

🎥 WATCH

MATHS: A performance of 'Mathemagic' - ted.com

BUSINESS AND ECONOMICS: Watch this BBC documentary series hosted by Evan Davis: Business Nightmares - YouTube

COMPUTING: Listen to this Ted Talk about where it all started:
George Dyson: The birth of the computer - YouTube

🔊 LISTEN

MATHS: 5 minute Maths tricks - podnews.net

BUSINESS AND ECONOMICS: Learn through the jaw dropping stories of the biggest business mistakes and lessons from the most successful entrepreneurs, and get the real messy truths of what it actually takes to grow a business:
Big Business Mistakes - podcasts.apple.com

COMPUTING: The Cybersecurity of Quantum Computing: 6 Areas of Research - insights.sei.cmu.edu

✍️ DO

MATHS: Have a go at some of these Maths tricks: A performance of 'Mathemagic' - ted.com

BUSINESS AND ECONOMICS: *'2020 led to a severe decline in international commerce'* – BBC Business News. **Using examples, how do you think businesses are adapting to life after lockdown?**

COMPUTING: Animation18: Using software of your choice, create a one-minute animation about cybersecurity threats and staying safe online. To help you get started visit:
CS and Programming - brilliant.org