

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 in Maths we are exploring famous maths problems in history and how they were finally solved. In Business we are looking at the global economy and business across the world and in Computing we are taking a look into fairy tales and lions' roars to discover how we are using computational power to improve the world.

READ

MATHS: Read about the history of negative numbers: [The History of Negative Numbers](#) - nrich.maths.org

BUSINESS AND ECONOMICS: The Business Book: A plain-speaking visual guide to 80 of the most important commerce theories including critical path analysis, market mapping and the MABA matrix.

COMPUTING: Computational Fairy Tales by Jeremy Kubica: A guide through the principles of computational thinking, illustrating high-level computer science concepts, the motivation behind them, and their application.

LISTEN

MATHS: [How Ancient Egyptians Might Have Used Geometry to Design the Ankh](#) - bing.com

BUSINESS AND ECONOMICS: News and views on business and the world of personal finance. Plus the very latest from the financial markets around the globe:

[Wake Up to Money Podcast](#) - BBC Radio 5 Live

COMPUTING: If you've ever been lucky enough to hear a lion roar you'll know that it's a truly bone-shaking experience. But do lions have a unique roar, or do they all sound the same? How could knowing this help with conservation efforts?

[Do all lions sound the same?](#) - oxfordsparks.os.ac.uk

WATCH

MATHS: Watch the [4 Weird Unsolved Mysteries of Maths](#) - bing.com

BUSINESS AND ECONOMICS: Budding entrepreneurs get three minutes to pitch their business ideas to five multimillionaires who are willing to invest their own cash: [Dragons' Den](#) - BBC iPlayer

COMPUTING: A fantastic short video where Bettina Bair walks us through the steps a computer takes with every click of the mouse: [Inside your computer: Bettina Bair](#) - ted.com

DO

MATHS: Create your own Infinity Elephants: [Doodling in Math Class: Infinity Elephants](#) - YouTube

BUSINESS AND ECONOMICS: Ever wondered how products in your online shopping cart get from Amazon to you? Book a free tour and see how their people and technology deliver for customers:

[Welcome to Amazon Tours!](#) - amazontours.com

COMPUTING: Do we spend too much time online? Conduct some research on the use of technology at home: for example, how many hours does each family member spends on social media? Show your results on a graph.