



STEAM

Science Technology Engineering Art Math

Meanwhile, the latest news in STEAM ...

Computers and Code Club



How do computers actually work? What does 'binary' mean? And what does it have in common with braille? Come to Computers and Code Club to find out!

Mr Cook
C210



Computers Club – with Mr Cook - This week Year 8 STEAMmies looked at how computers. They were tasked with transmitted messages to each other without using language or complicated gestures, then after some time derived binary encoding and Morse code. The STEAMmies learned how to use and translate international Morse code and managed to send multiple words to each other just using dots and dashes!

Business & Finance Club



How do we buy and sell shares? What's the thinking behind it? You will look at why personal finance is so important to manage well.

Mr Siddiqi
C301



Business & Finance Club – with Mr Siddiqi - The Year 9 STEAMmies found out what a stock market is and how investors manage to make profit (and losses!) by buying and selling shares. They "invested" an amount of £20 and analysed their investment portfolios following a series of increases and decreases to the value of their shares. They discovered there are risks in buying and selling shares, and putting all of your eggs in one basket!

DNA Club



How did Watson and Crick discover the structure of DNA? You will look at the concept of working scientifically and DNA model building.

Miss Mann
C209



DNA Club – with Miss Mann – The Year 7 STEAMmies discussed how science is not just one person and their amazing idea that come out of nowhere, but that scientists work on the ideas of others to make progress. They directly related this to the development of the structure of DNA from Mendel to Watson and Crick. The STEAMmies started to create a timeline on all of the different stages and will be constructing their own DNA models as their rotation progresses.

STEAM Academia



Use your Maths skills to scale and size a set design for the School of Rock production! Exciting!

Miss Odame
E316



STEAM Academia – with Miss Odame – The Year 10 STEAM Academics used their maths skills to scale and size a set design for the School of Rock production. It will be exciting to see the final product of their scale models!

6th Form STEAM Ambassadors



Use your teamwork, creativity and innovation to plan a STEAM project rotation for STEAM Club, developing our very own STEAM experts!

Mr Sellars
E312





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6th Form STEAM Ambassadors Programme – with Mr Sellars – The STEAM Ambassadors were busy with exams this week and will resume their planning of their very own STEAM project rotation, which they will deliver to Year 10 STEAM Academia in Term 4, after exams.

Absolutely STEAM-tastic, STEAMmies! Well done, all!

Ms Khan
STEAM Coordinator – Ashcroft Technology Academy



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Year Group	Project Rotation	Teacher	Room
7	Computers Club	Mr Cook	C210
8	Business & Finance Club	Mr Siddiqi	C301
9	DNA Club	Miss Mann	C209
10	STEAM Academia	Miss Odame	E316
6 th Form	STEAM Ambassadors	Mr Sellars	E312

Please see Ms Khan in Science to collect your STEAM lunch passes!



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