



**Edition 3 of our special fortnightly ATA STEAM Newsround!**

We would like to wish our 6th Form STEAM Ambassadors and Year 10 STEAM Academics all the best with their end of year assessments. Meanwhile, the younger Years 7,8,9 STEAM Clubs are in full swing and almost nearing the end of their final project rotations.

**STEAM**  
Science Technology Engineering Art Math

**Tuesday Lunch-Times 1:05-1:35pm**

Year Group	Project Rotation	Teacher	Room
9-10	Design Technology Club	Mrs Aldred-Hall	C108
7-8	Business Club	Mr McGuinness & Mr Siddiqi	E301

**Each project rotation will be for 5 weeks and you will then switch.**  
*Please see Ms Khan in Science to collect your STEAM lunch passes!*

We're super excited about all our achievements with the STEAM Enrichment Programme this academic year and our STEAM students and staff have all been amazing!



**Design Technology Club – with Ms Aldred-Hall** - The Year 9 STEAMmies were given the brief for the product in a tin competition. They worked in groups to discuss different user groups and their specific needs so that they can design a useful product. All took a trip into Ms Aldred-Hall's materials treasure cove to consider what two materials they could use to make their product. They then developed their initial ideas for a the Product in a Tin competition using techniques that try to help them avoid design fixation. Developed ideas due to Ms Aldred-Hall next week!

**Enterprise Club – Mr McGuinness & Mr Siddiqi** - The Years 7-8 STEAMmies are proving to be very intelligent young investors and spent time finding about what a stock market is and how investors manage to make profit (and losses!) by buying and selling shares. They experienced buying and selling shares for themselves and worked individually by being given a list of different businesses they could purchase with a starting amount of £20 (2,000p to an investor). Their maths skills were put to the test as they needed to work out the value of their portfolio by multiplying the number of shares by the share price of the business. The STEAMmies were able to invest in companies such as an airline, a TV channel, oil company and many others. They have all worked out the value of their portfolio. Some of them will have taken a risk by investing their entire £20, whereas others have been slightly more risk averse by keeping some money safe in their 'bank'. The hugely enthusiastic STEAMmies finalised their purchase of shares in a range of businesses. The scenario that was given to them was a period of economic downturn, causing global GDP to fall by a worrying 7%. As a result, the businessmen and business-women saw some of their share prices tumble, lowering the value of their initial £20 investment. However, others saw their investment values increase, and had an interesting range of investment values. Those STEAMmies who bought too many shares in one business learnt the disadvantage of playing it too safe.

The investment values have been recorded in trading period 1, and next time the students will be faced with new scenarios which will continue to change the value of their investment portfolio! We hope to have a winner soon.



Well done, STEAMmies! You're almost finished with your project rotations for this academic year!

We'll be revealing our exciting project rotations for the next academic year soon ..... so watch this space!

Ms Khan