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Newsround



Ashcroft

02 March
2018

Jack Petchey Speak Out Challenge

Congratulations to Chelsea and Fatema in Year 10 for representing Ashcroft at the Jack Petchey regional finals. These girls stood up in front of a room full of parents, students and the mayor of Wandsworth and delivered their incredible speeches, which they had been practising for months. Though they did not pass through to the national finals, this has nothing to do with their ability and is just evidence of the high quality competition that they were up against. Our own students, Ally and Sam, were both on the panel and they nearly shot out of their chairs in disagreement when the winners were awarded. Once again, well done to both Chelsea and Fatema, and we look forward to seeing how the next competition they take part in!



Year 12 Drama Performance

Our Year 12 BTEC Performing Arts Students performed a Naturalistic adaptation of 'The Curious Incident of the Dog in the Night time' for their Unit 2 final performance on Thursday 22nd February after school. The audience response and reactions were very positive - from Year 10's, sixth form students, teachers and parents, commenting on how well they performed and their 'engaging performance' which was both 'funny and heart-breaking' at the same time! Both in the rehearsal process and the final performance, the Year 12s have approached this with hard work and maturity, to create a great piece of theatre! Well done Year 12!

- Trisha - 12T1

- Georgia - 12T7

- Riley - 12T7



06 Year 12 Psychology Conference

06 Year 8 Preferences Evening

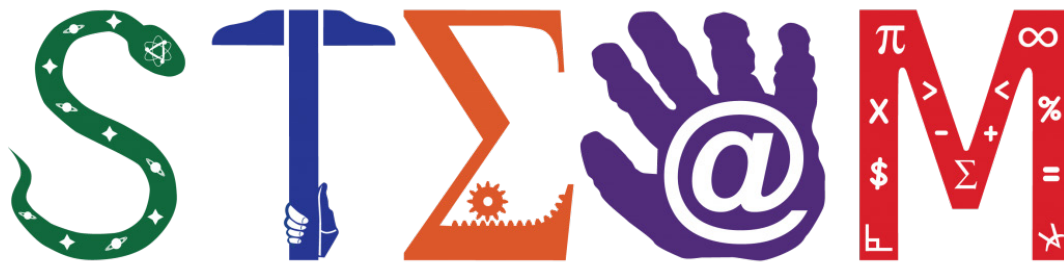
Y12 Geography trip to Nettlecombe Court

At the end of last term, my fellow Y12 Geography students and I visited Nettlecombe Court as part of our AS course. Nettlecombe Court is a geography study centre found in the heart of Somerset, showing us all the charms of country life- pheasants included. During the trip, a day of fieldwork ending at 9:30pm was not unfamiliar, and due to our delayed departure on Wednesday morning, we managed to achieve a new record: sixteen hours straight of doing geography work- hopefully something the geography department will tell students about for years to come.

The purpose of the trip was to investigate carbon sequestration rates in different species of trees. This was to establish the best tree species to be planted to decrease carbon concentrations in the atmosphere. The study will be used as our fieldwork investigation which will feature in our AS geography paper sat this May. The trip took us away from the safety of the Nettlecombe estate, up a surprisingly steep hill, through fields of rather inquisitive sheep, and into a managed woodland area called King's Wood. This area allowed us to measure the carbon content of Oak and Sitka Spruce trees, to form a conclusion which proved our original hypothesis. The conclusion we found at the end of the three days was that Oak trees are the best at carbon sequestration, and the geography department run good school trips.



By Kim Year 12



The latest STEAM news below and what a STEAM-tastic week it's been at ATA!

STEAM

Science Technology Engineering Art Math

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

Year Group	Project Rotation	Teacher	Room
7	Tournament of Minds - Annual STEAM House Competition	Miss Dowson & Ms Khan	E301
8	The Robots Are Coming!	Mr Haddleton	E310
9	Geology Club	Miss Niklekaj	E311
10 & Sixth Form	STEAM Academia	Various STEAM teachers	C210

Each project rotation will be for 4 weeks and you will then switch.
Please see Ms Khan in Science to collect your STEAM lunch passes!

The Robots are Coming!

- with Mr Haddleton. The STEAMmies were invited to complete new programming tasks using both of the robots. A maze had been built under the desks for Jumpin' max to navigate, only the STEAMmies could not see the maze! They had to navigate Max 'blind' using only its front video camera display. This was tough, but Wajahat managed to complete the course in a fast 36 seconds and was the clear winner. Travis, the flying drone, was used to complete circuits of a 3D obstacle course made up of tall stacks of chairs and tape - again very tough. Next week the STEAMmies take part in their final competition - who will be the ultimate winner?



Geology Club - with Ms Niklekaj. The young geologists went into a deeper understanding of rock forming. They looked at how the rocks are formed and are they classified; igneous, metamorphic and sedimentary. All enjoyed this session and were very interested to know more!

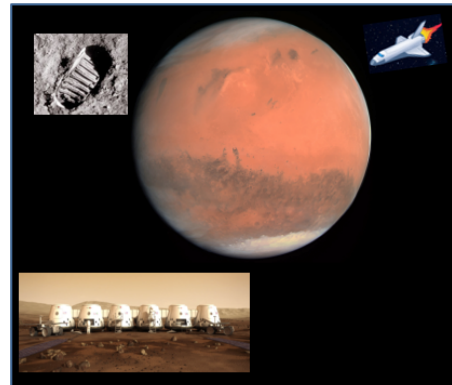
Tournament of Minds (ToM) - with Ms Dowson. TOM is in the last week with presentations happening on the 6th March. There are some very well thought out designs and other teams who are leaving it until the last minute to put everything together! This is the most split that the competition has been so far and it looks like anyone could be the winner. The Pink Leopards seem to be the most organised but their presentation hasn't been written, the other teams have not finished their shoes yet. Miss Dowson is



very nervous for them, as anything could happen!

STEAM Annual House Competition - Tournament of Minds (ToM) 2018

Are you ready to take on the challenge? Competition open to STEAM and non-STEAM students. Deadline for Year 7 entries is Tuesday, 6th March 2018. See Ms Khan/Ms Dowson to enter.



With human missions to Mars looking more and more likely, this year's STEAM ToM challenge scenario is to design and create a shoe for an astronaut to wear on Mars.

1st place - 300 house points
2nd place - 200 house points
3rd place - 100 house points

Special prizes and certificates will be awarded too!

Further information will be released in the STEAM Tuesday sessions.

Year 7 ToM House Competition Round

STEAM Academia & Sixth Form STEAM Ambassadors Programme

- Ms Khan continued with the ToM House Competition with the Year 10 STEAM Academics and Sixth Form STEAM Ambassadors. This year's challenge scenario is to design and create shoes that an astronaut can wear on a mission to Mars. Consideration of special factors, such as climate on Mars and usage of the shoes, will play a key role in determining which house produces a winning prototype. The different teams received their shoes this week and have started to put their designs together on paper as well as by working on their prototypes. The deadline for STEAM Academia entries in Tuesday, 27th March 2018 and with such a lot of STEAM expertise nourished within our elder students (many of whom have been in STEAM since they were in Year 7!), we look forward to judging their finished designs! Full STEAM ahead!



Special STEAM visit to BP - Some lucky Years 7-9 STEAMmies were selected to join Ms Khan and Mr Peck on the Science Honours trip to BP this week, where they learnt about different careers in the oil and gas industry, the processes of extracting and refining oil and gas, and they tested out some extraction simulators and reflected on renewable resources for the future of the industry. An exciting trip for our aspiring engineers! Thank you to Mr Peck for inviting some of our STEAMmies to this Honours trip!



Well done, STEAMmies and STEAM Academics! Looking forward to more STEAM-azing sessions next week!

Ms Khan

Rowing Club

Rowing club Winter Fitness continues to be a success. On Tuesday the students completed an extremely hard ergo session. Special mention must go to Adam who got the top score and was only 13metres off 2500m. All the rowers continue to show great sportspersonship and a great sense of community and support for each other. The photos are of their cool down game of Monkey Tag, which has become a crowd favourite. Well done rowers you are doing superbly.

Ms Dowson and Ms Richards

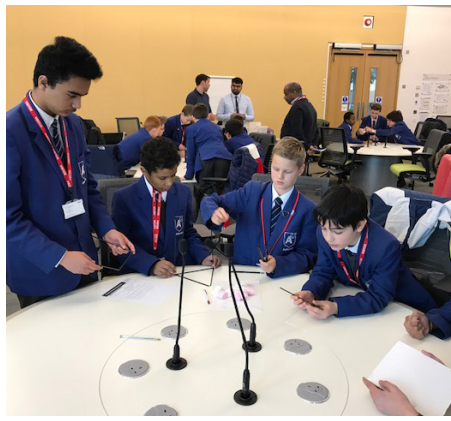


Battersea Arts Centre Workshop

On Wednesday three visitors from Battersea Arts Centre visited the Academy to provide a workshop for selected Year 8 students, who had shown a passion for Art or History. The event was to mark 100 years since the Representation of the People Act, which gave all men and some women the right to vote. The workshop focused on how art can be an act of protest. The students generated creative responses to speeches about women's rights, including huge canvases splashed with spray ink, poems recorded upon black sugar paper and a spoken word piece. The work will be exhibited alongside other participating schools' pieces, in Battersea Arts centre. The students were a credit to the Academy and demonstrated that they really care about all sorts of issues that affect them and their fellow man (or woman!)

Invigilators Wanted!

The Academy would like to invite any adults interested in joining the exams invigilation team this May/June to apply for a position before the 12th March. This is a fantastic opportunity to work closely with our GCSE and A Level students during the exam season, supporting the Exams Manager to organise and run external assessments. No experience necessary as training will be provided. The job description and application form can be found on the Academy website.



Year 7 and 8 Honours visit to BP Learning Centre

This week a number of Year 7 & 8 students visited the BP Learning Centre as part of the Honours programme, to learn about different careers in the oil and gas industry.



The students were given a tour of the facility and learnt about the process of extracting of oil and gas. They also tested out some extraction simulators and reflected on renewable resources and the future of the industry.

CAREER TALK

By Professor Sturm from
London School of Economics

Thursday 8th March
In the Auditorium at 4.30pm

Open to 6th Form, Year 10 & 11

Discussions around careers in
Economics, Banking & Research.

The talk is being put on by 'CareerFear.' An internationally active non-profit organisation that helps students around the world discover their passions. They will also assist in arranging suitable internships.

If you would like to attend please put your name on the sheet.

KS3 ENGLISH STUDENTS OF THE FORTNIGHT!

- The following students have been identified by their English teachers as being worthy of this title.

Amalie Wilson
7T3 - fantastic
half-term
homework

Nicole Coombs
8T4 - fantastic
half-term
homework

De'Shaun
Gruzcka 7T5 -
excellent result
in assessment

Magdalena
Dimitrova 9T3 -
excellent result
in assessment

Youslinne Bernal
Campo 9T4 -
improved
attitude

Rio Dixon 8T6
- improved
attitude

KS3

MATHS BOX CHALLENGE



An aquarium contains 280 tropical fish of various kinds. If 60 more clownfish were added to the aquarium, the proportion of clownfish would be doubled.

Q1 How many clownfish are in the aquarium?



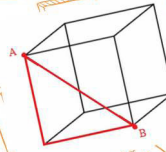
Use the green slips to submit your solutions in the post-box in the Maths corridor by Friday 9th of March (break time).

KS4

MATHS BOX CHALLENGE



Q1 How many right-angled triangles can be made by joining three vertices of a cube?



Use the orange slips to submit your solutions in the post-box in the Maths corridor by Friday 9th of March (break time).

KS5

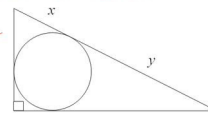
MATHS BOX CHALLENGE



Q1 A circle is inscribed in a right-angled triangle, as shown.

The point of contact of the circle and the hypotenuse divides the hypotenuse into lengths x and y .

Prove that the area of the triangle is equal to xy .



Use the red slips to submit your solutions in the post-box in the Maths corridor by Friday 9th of March (break time).

This week's Maths Box Challenge



	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	Multi-choice menu MEAL DEAL Choose a hot meal from Option 1 plus something from Options 2 or 5 Choose a soup from Option 2 plus something from Options 3 or 4 or 5 Choose a sandwich from Option 4 plus something from Options 2 or 5 Choose the Salad Bar option plus something from Options 2 or 5
1	Chicken & Vegetable Pie with New Potatoes Vegetable Quesadilla	Tuna Lasagne Spicy Rolled Chickpea Gyros	Chicken Fajita Macaroni Cheese	Roast Pork and Roast Potatoes Vegetable Pie	Fish and Chips Goats Cheese Tart	
	Chicken Joe's Wrap Jacket Potato	Pasta King Jacket Potato	Pizza Jacket Potato	Pasta King Jacket Potato	Chicken Joe's Wrap Jacket Potato	
	Green Beans and Macedoine	Baby Carrots and Salad	Peas and Sweetcorn	Carrots and Cabbage	Salad and Peas	
2	Carrot and Lentil Soup	Vegetable Soup	Tomato and Basil Soup	Spicy Bean Soup	Leek and Potato Soup	
3	Salad Bar (small bowl with multi choice)	Salad Bar (small bowl with multi choice)	Salad Bar (small bowl with multi choice)	Salad Bar (small bowl with multi choice)	Salad Bar (small bowl with multi choice)	
4	Any sandwich (max price £1.50)	Any sandwich (max price £1.50)	Any sandwich (max price £1.50)	Any sandwich (max price £1.50)	Any sandwich (max price £1.50)	
5	Fruit Crumble and Cream	Banana Bread and Custard	Chocolate/Strawberry Mousse with Shortbread Biscuit	Chocolate and Orange Cake with Chocolate Sauce	Selection of Cold Desserts	
	Fresh Fruit Selection of small cold Desserts Selection of Cakes and Biscuits	Fresh Fruit Selection of small cold Desserts Selection of Cakes and Biscuits	Fresh Fruit Selection of small cold Desserts Selection of Cakes and Biscuits	Fresh Fruit Selection of small cold Desserts Selection of Cakes and Biscuits	Fresh Fruit Selection of Cakes and Biscuits	



Meal Deal (Option 1 + 2 or 5) £2.25 students/£2.47 staff **Main Meal only £1.95 students/£2.15 staff**

