



Elliott's swimming success

Rowing club

Year 11 Drama

Christmas showcase

02

The Weekly STEAM Feature

Important dates

03

Trips

Technology day

Reminders

Lunch menu

04/5

Newsround



Ashcroft

08 December
2017

Urban Plan Workshop- Geography Honours

A number of our Honours students took part in a Geography workshop this week, below is a summary of the day by Year 10 student Fatema.

We were given a real challenge; we had to form a property development company and create a presentation and sit plan model, demonstrating how our proposal met a fictional city council's goals. When we began to make our models we had to bear in mind a lot of factors, ensuring that we met certain requirements. For example, Elham (the fictional city we had to redevelop) had to have a minimum of 35% affordable housing, a new community facility and open spaces. We had to develop a comprehensive scheme that balanced these different needs to enhance and compliment the Elham neighbourhood.

After creating our models, we had to present in front of the 'City Council' (who were actually a group of property redevelopment industry experts).



We demonstrated how our proposal met the aspirations of the city council, local residents and local stakeholders. All the groups had brilliant and innovative ideas, but the decision was made- my team won! It was a great day, and I learnt about an industry I had never heard of before and learnt how regeneration takes place.

Honours trip - Twickenham

Twenty students from Ashcroft were invited to attend the Varsity match this week at Twickenham Stadium as part of the Honours Programme. For some in attendance Rugby is their favourite sport, but for the majority of the group this was their first experience at Twickenham and the first time they had seen live Rugby. The event did not disappoint and although the first match of the day got off to a slow start with many knock-ons due to wet conditions the athletes gave some really inspiring performances. The Cambridge women won their match 24-0. The Men's light blues were also successful in their match with a 20-10 victory over Oxford.



We took a break from discussing the intricacies of Rugby Laws and tactics to attend an Oxbridge event between the two matches. Students were given a presentation about both Oxford and Cambridge and what life at the Universities is like. We heard from University staff, students, and alumni about what each school has to offer, and about the application process. Following the presentation we had the chance to speak with current Undergraduates and ask questions about their experiences at University, their courses and other opportunities available to them.



Rowing Club

Our winter on the water sessions are coming to an end with the evenings becoming darker and slightly more chilly. Students have shown an incredible dedication and commitment to the club and have improved significantly. Winter Fitness also continues to be a great success in preparing rowers for the challenges of the water in February. This will continue every Tuesday next term. The last on the water session will be this Friday 8th December. A special thank you should go out to the parents, Barn Elms rowing club and Lauren Richards for their support. Congratulations to those who have been involved it has been a pleasure, look forward to seeing you on Friday and next term.

Ms Dawson



Elliott's Swimming Success

Well done to Elliott who completed in the Guildford open meet and as always came back with an array of medals.

Elliott's achievements included:

GOLD in the 50m Butterfly with a time of 31.74

GOLD in the 200m Freestyle with a time of 2:13:78

SILVER in the 50m Freestyle with a time of 28.76.

Elliott's next tournament will be The London Regional's, which we wish him all the best for.

Mrs Ward

Curriculum Manager - P.E.



Year 11 Drama Performances

Huge well done to Year 11 BTEC Drama students. On Tuesday 5th November, all students demonstrated a high level of focus and commitment. Students were fully prepared for their devised performance. We were completely blown away by the inspiring and challenging drama. Congratulations Year 11.

Performing Arts Department.

Christmas Showcase 2017 – important information

If your child is taking part in the Christmas Showcase please take note of the following information:

- If your child has not returned their permission slip they will not be allowed to perform on Tuesday.
- Students in Y7-11 must wear their Academy uniform unless they are part of 'Step into Dance' or one of the Drama Clubs.
- Students taking part in 'Step Into Dance' must wear black clothing suitable for dancing in. They may add a 'festive twist'.
- 6th Form students must wear smart office-style black trousers or skirt and a white shirt or blouse. Smart black dresses are also acceptable.
- Students must be in Performing Arts by 5:15pm on Tuesday evening for a briefing before the performance.
- The doors will open for audience members at 6pm and lock at 6:25pm for a prompt 6:30pm start.
- Refreshments and a raffle of festive prizes will be available – all money raised will be donated to our chosen charity 'Glass Door'.

**ASHCROFT ACADEMY
CHRISTMAS SHOWCASE**

**A festive evening of
music and drama**

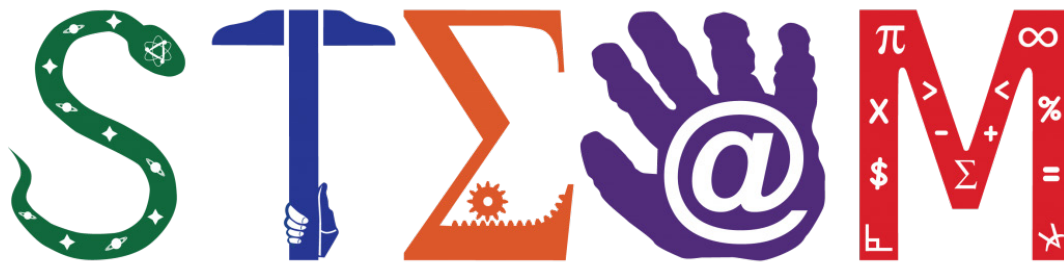
Tuesday 12th December 2017

Doors open at 6.00pm for refreshments.
Doors close 6.25pm.

PROMPT 6.30pm START.

Tickets £1 - available from Reprographics
All monies raised from tickets and refreshments will be donated to 'Glass Door'

GLASSDOOR



What a STEAM-azing week we've had at ATA with lots of exciting events!

Year 7&8 STEAM Club:

The Year 7-8 STEAM Club attended the Annual Richie Lecture at the Science Museum with Ms Khan, Ms Niklekaj, Miss Dowson and Mr Hadleton. They enjoyed exploring the scientific activities at the amazing Wonder Lab and put their STEAM skills to the test as they tried to explain the theories behind each experiment attempted. Curiosity, investigation and application! Our STEAMmies attended a lecture by Sean Brown, who won the 2010 Young Engineer Award and has his own YouTube channel called Kids Invent Stuff. Sean Brown spoke about how engineering is the future and how there are lots



of well paid jobs in engineering, which involve creative and design, as well as STEAM, skills. He spoke about the UK's energy demands, accessibility to energy and sustainability of energy also.

Year 9 STEAM Club & Year 10 Academia:

With Mr Malik & Ms Khan, Year 9 STEAM Club and Year 10 STEAM Academia enjoyed a guest visit by Dan Simons from Marine Engineering, who delivered a special STEAM workshop and set our STEAMmies on a challenge to test the Archimedes Principle that "any object wholly or partially immersed in a fluid is buoyed up by a force equal to the weight of fluid displaced by the object". Our STEAMmies



11 Certificate collection day

12 Christmas lunch & Christmas showcase

rose to this challenge as they designed and constructed boats that will float on water as well as hold the most marbles (mass). Lots of brainstorming and trial and error resulted in truly impressive boats being constructed; including an innovative samosa-shaped boat by Jabril Mahamud 10T1, Alexander Gregori-Simonassi 10T6 & Zakria Butt 10T4. However, there can only be one winner and the winning team was Sonny Tatham 10T3, Raheem Ojukotola 10T3 and Saad Salahuddin 10T3 with their "RIP Lil Phillips" titled boat which held an impressive 182 marbles whilst staying afloat; winning them a bag of chocolate coins. Dan hailed this as the new challenge record, as the previous record was 150 marbles! Well done to our smart STEAMmies indeed!

Year 10 STEAM Academia & Sixth Form STEAM Ambassadors:

With Mr Mensah and Mr O'Sullivan, this week's Year 10 STEAM Academia session was a lecture delivered by Anna Durrant, a Year 13 student. Anna gave an excellent description of the Internal Assessment (IA) she has completed as part of IB Higher Physics. Her IA was an investigation into how the bending



of light passing through a plastic changes when the plastic is stretched. The STEAMmies were engaged throughout as Anna explained detailed concepts that are only briefly touched upon in GCSE. Anna explained the use of interference patterns and polarization filters to evaluate the stress a material is under when it is stretched. Another proud example of our very own in-house STEAM expertise! Well done, Anna!

IMPORTANT Year 7,8,9 STEAM Club REMINDER NOTICE:

Please go to the sessions as outlined for your final session of your current project rotations. New rotations will commence in January.

Year Group	Project Rotation	Teacher	Room
8	Tessellating Textiles. <i>Note: please bring your Maths kit to this!</i>	Miss Haviland, Miss Griffiths, Miss Peterson	Art room E110
9	Mega Maths	Mr Sellars	E209
97	The Maths of Language	Mr Revelant	D304



Design & Technology trip to the V&A Museum

Our Sixth Formers spent a day at the Victoria and Albert Museum this week harnessing inspiration for their upcoming projects. They visited the rapid response room looking at the iconic designs as well as looking at 20th century design and materials. The students showed their fantastic observation and investigation skills throughout the day and we look forward to seeing your new projects.

ATA Medical Society Workshop on Work Experience and Reflection

ATA Medical Society hosted the Work Experience and Reflection workshop during lunchtime on Tuesday 28-11-17, delivered by Tanyel Kazim from St. George's Hospital Medical School. There were twenty two Year 12 students in attendance who are currently considering a career in medicine.

The workshop focussed on advising students to reflect upon their experience in order to be able to demonstrate in the application process, how this has led to personal development. It was stressed that any experience of either paid work or volunteering can be used in this way. It was very helpful for the students to have the competencies sought by medical schools explained with discussion. This has clarified thinking so that reflection is relevant to requirements.

The clarity and enthusiasm of the delivery was appreciated by the students with many expressing gratitude to the speaker. ATA Medical Society thanks St. George's Hospital Medical School and Mr. Kazim for his time and the offer of continuing advice and support.

Dr Brickley

Reminder: all valuables must be handed in at the beginning of the PE lesson or club for safe keeping. The Academy does not take any responsibility for valuables left in the changing rooms during a lesson or club

Reminder: Booster jabs for Year 9 will take place on 10 January. A consent form will be sent home shortly, please return said form ASAP.

Technology Day

Below is the brief for the upcoming Year 8 Technology day, more information can be found on Showmyhomework.

Design and prototype an unusual chair for a student moving away to university to use in her new room.

Target audience

Your chair must appeal to a wide audience but must specifically target students and young people moving away from home.

Environment

Your product must be affordable and suitable for a student to use in shared accommodation.

Sustainable design

You must consider the environmental and ethical implications of your idea.

How will it be made? How long will it last? How will it be used? Where will it end up?

Costing and budget

Your final design should retail for no more than £100.

Development/manufacture and testing

You must work in a team of 6 students to tackle this brief. There must be clear evidence of how you have applied Maths and Science in the development and testing of your product.

Context

Amelia is a 17 year old student who lives in London and is currently studying for her A-levels. Amelia studies Design and Technology, Maths, Physical and Art and wants to study Architecture at university next year. Amelia enjoys living in London but would like to move away from home when she starts university. Therefore she will need to move into a shared house with other university students. Amelia does not have a lot of disposable money but would like to invest in some designer furniture for her room. Amelia likes to draw, read and binge watch box sets and would like a designer chair that enables her to do her favourite things comfortably.

Other interesting facts about Amelia:

- Amelia's favourite shape is a triangle
- Amelia is very interested in the environment and re-using materials.
- Amelia's favourite Designers/Architects are: Frank Gehry and Zaha Hadid.



PERFORMING ARTS DEPARTMENT



Enrichment Timetable 2017-18

	Monday	Tuesday	Wednesday	Thursday	Friday
Lunch time (1.20pm - 1.50pm)	Orchestra All year groups Miss Di Bartolo - F201	The Platform Y7 and 8 Miss Britten and Miss Falkner-Lee - F216	Music Technology Club All year groups Mr Stokes - F204	Scholarship Band Music Scholars only Mr McGuinness and Miss Di Bartolo - F204	One Voice Choir - all year groups Miss Thompkins, Miss Faulkner-Lee and Miss Di Bartolo - F204
After school	Page to Stage Y9-11 Ms Smith - F216	Advanced Collective Invited musicians only Miss Di Bartolo - F201			
	GCSE Music Power Hour Miss Di Bartolo 3.15 - 4.15pm - F201			Step into Dance All year groups 4.30pm - 5.30pm - F216	

Practice rooms can be booked at break time for use at lunchtime.

Monday - Wednesday: Y8-13, Thursday - Friday Y7-8

CHRISTMAS LUNCH

Tuesday 12th December

MAIN MEAL

Roast Turkey with all the trimmings
(Halal available)

or

Goats Cheese, Spinach and Savoury Vegetable Slice
(also available without cheese)

Served with Roast Potatoes, Brussel Sprouts, Carrots, Cauliflower and Gravy

PUDDING

Choice of Yule Log or Mince Pie & Custard

Free Drink and a Cracker
(with Main Course)

OTHER OPTIONS

Jacket Potatoes, Salad Bar or Sandwich Selection

£2.25 STUDENTS

£2.47 STAFF



WEEK TWO

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

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
1	Chicken Jalfrezi Vegetable noodles in black bean sauce	Chicken Chow Mein Vegetable Quiche	Lamb and lentil shepherd's pie Vegetable Chilli beans With Rice	Roast Chicken and Roast Potatoes Vegetable and lentil Shepherd's Pie	Fish Cake with Potato Wedges Macaroni Cheese
	Pasta King Jacket Potato	Stone Baked Pizza Jacket Potato	Chicken Joe's Wrap Jacket Potato	Pasta King Jacket Potato	Chicken Joe's Wrap Jacket Potato
	Sweetcorn and Carrots	Green Beans and Peas	Broccoli and Macedoine	Carrots and Cabbage	Salad and Peas/Sweetcorn
2	Carrot and Coriander Soup	Vegetable and Watercress Soup	Minestrone Soup	Red Pepper Soup	Vegetable 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	Apple Crumble custard	Marble Sponge with Chocolate Sauce	Fruit Salad	Pineapple Upside Down Sponge with Custard	Carrot cake Orange sauce
	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	Selection of Cakes and Biscuits

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

DELI BAR
Freshly made to order each day