

The Society of Biology



Eleanor Williamson, 12Elm

Following a conversation with Mrs Ash about subject choices at University, she encouraged me and Lauren Hemmings to attend the Society of Biology conference which would give us the chance to meet many universities offering Biology and related subjects as a degree.



The conference was held in the Royal College of Surgeons in London on 22nd June. After a close shave, where we very nearly missed our train, we arrived at the College on time and ready to be inspired. We entered the lobby where we were presented with a canvas bag filled with information about the Society of Biology and many leaflets on applying to University.

As we walked around the various stalls, we were loaded with leaflets and information about the Universities and the courses they offer. I found that it was a brilliant way of getting a feel of the Universities without having to travel up and down the country.

There was also a chance to take part in activities at some stalls. For example, using microscopes and pipettes. There was also a stand of 'mini-beasts' where we both held a Snake, however didn't think we could handle the giant snails or millipedes!



Overall, I found the day extremely useful and it opened my eyes to the many options I have when it comes to taking my studying further. I now feel I can make an educated decision when it comes to choosing the

Universities I visit and apply to. I hope the conference will be running next year as I thoroughly recommend it to anyone considering studying a degree in Biology or related subjects.

Dates for the Diary

29 June

Y10 PPE week

Y12 Higher Education Convention

30 June

Y12 Old Bailey Trip

Alumni Event

Y7-13 Les Miserables Trip

1 July

Y10 London Dungeon Trip

Governors Meeting

2 July

Sports Day

Y12 Sky Academy Work Experience

Y10 & 12 Trip to Cern

Rewards Evening

3 July

PLG Conference

STUDENTS OF THE WEEK

KEY STAGE 3



Zuzanna – 7 Elm

This week's student of the week is Zuzanna for her exemplary contribution to the BMS Buddies initiative. The BMS buddies are year 7 students who have been selected for their excellent conduct at school. These students will be ambassadors for the school and assist in the 6 into 7 transition. Zuzanna's approach to the role has been outstanding, she communicated with parents and students in such a mature manner which was praised by many of our visitors. Thank you for all your dedication and commitment to Bushey Meads, it is much appreciated.

KEY STAGE 4



Jack - 10 Willow

Jack is this week's KS4 student of the week. Jack recently received an amazing 4 R4s in one day for his outstanding summer term assessment, 100% attendance, 100% punctuality and receiving no consequences this term. Jack is currently studying for his end of year 10 PPEs. Well done Jack and good luck in your exams.

KEY STAGE 5



Ally - 12 Willow

Our KS5 student of the week this week is Ally who is currently in Year 12. She has been awarded this for her excellent effort in all her lessons and for her outstanding attitude to learning scores on her reports. Ally is currently studying Biology, Chemistry, English Literature and Psychology.

5* Food Hygiene Award for School

Rachael Coombs – Finance Manager

We are very proud to announce that we have received the highest rating for hygiene following our recent inspection, this is in recognition for excellent hygiene standards and organisation.

Huge congratulations to Nathan and his team.



School Meal Price Increase

With effect from 1st September 2015 the price of a school meal set by ABM Catering will increase to £2.10 per day. This still represents very good value for a nutritionally based, two course mid-day meal when compared with charges made by commercial outlets.

The value of the free meals allowance will also be £2.10 per day.

Bushey Meads Inter-house Debating Challenge

E Pinkus

Coming soon: the inter-house debating challenge where students in all 7 houses will have the opportunity to challenge one another in debating skills.

There are three rounds, beginning on Monday 29 June and ending in the final heat during our last week of term.

The topics are:

Heat 1: This House believes that people should not keep pets.

Heat 2: This House would make voting compulsory in the UK

Heat 3: This House would ban the monarchy



Will you be one of the team representing your house? Do get involved – your House Tutor will be telling you all about it in assemblies. Put your name forward and enter the Interhouse Debating Challenge.

Business Studies: A wonderful success story

Mrs E Pinkus – Business Teacher

It is always delightful to receive news of our past students and their successes. This weekend, I was contacted by the family of Deryn Hertz, a former student who followed GCSE Business Studies and A level Business, telling me of her wonderful achievement in her degree, attaining a first class BA honours from Birmingham City University in Advertising, Marketing and PR. Her strongest memory was the extraordinary trip she made with me, two other students and One Water to Malawi in 2012.



The Business Studies department had entered a national competition organised by Duncan Goose of One Water to design a sustainable product that could support poor communities in Malawi. Deryn and her two friends designed a children's plaster with pictures of safari creatures as the main print. The proceeds from sales would be donated to paying for medical support for those in remote villages in Malawi. The Co-Op group, sponsors of this competition, were so impressed with the concept that they rolled it out across their stores and raised funds to pay for bicycle-ambulances which would enable the villagers to be taken to doctors and hospitals, hitherto unknown in that region. As a result, thousands of lives had been saved – a momentous achievement.

The girls and I were taken to Malawi to see this achievement for ourselves and it was certainly a life changing experience. Not only did we visit schools in the villages and view the ambulances that had been paid for from the sale of those plasters, (pictured in the photograph with Deryn), we also saw the water towers built by One Water in conjunction with partner companies and wonderful engineers, which now brought clean water to the villages.

The girls and I worked together with Mary's Meals volunteers, who served porridge to children in schools where parents could not afford to feed them



and we joined in with students who were helping on their gap year in some of the schools in remote areas. It was a wonderful trip, exhausting, emotional but inspiring.

Well done to Deryn with wonderful memories of our past and hopes for her future. And of course, a huge thank you for sharing this delightful news.





F1 in schools competition



Mr Chalkley – Head of Design and Technology



The F1 in Schools competition is up and running again for the new season. The teams are busy designing their cars ready for racing in January 2016.

Much was learnt from last year, so we are expecting even better cars and team presentations, which means more marks and hopefully more teams qualifying for nationals.

Team VENATOR says, "The harder the race, the sweeter the victory."

Team SPEKTRUM says, "We will colour the tracks faster than you think."



COCA COLA ENTERPRISES CHALLENGE

E Pinkus – Business Studies Dept

Following our recent visit to Coca Cola Enterprises in Milton Keynes, the year 10 Business Studies students entered the national Young Women in Engineering challenge organised by this multinational company. The intention of this focus is to encourage women to enter engineering, considered by many as a male-oriented profession.

The students were asked to write a blog, where they put forward the merits of opening up the industry and the possibilities for women today. I am delighted to announce that three of our students achieved runner up awards of £25 Amazon vouchers each. Extracts below:



Junaid Bhatti: Jobs in engineering are very well paid but the masculine image of the role shies them away from proceeding with it. If you were to create campaigns that would remove the masculine image of the engineer and ensure that they had an equal chance of being accepted for a role in engineering, it is almost guaranteed that you will see a rise in females with an engineering degree.

Max Venning: Coca-Cola Enterprises are trying to encourage women to take on high-level manufacturing jobs such as Technical Operators or maybe a maintenance manager along with the other great objectives that the company has set. Rachel (our tour guide), being very passionate about the subject, told us how she was disappointed that women think they cannot take on jobs because they may think that they are male jobs. That is not the case, women should be able to take on jobs that any man could do and be paid the exact amount that men are paid, it's just unfair and immoral that this is not the case in 2015.

Joey Cox: Taking this into account, it's found that in today's world, not many women are taking most jobs that men prefer. Why? Women realise they can take those jobs if they wish, so what the issue? During the trip, my class and I were informed of several women that have broken past these sexist expectations such as: Valentina Tereshkova, the first woman in space; Ada Lovelace, the first female involved in computer programming and Carol Vorderman, TV personality and mathematician.

BOCCIA Match v Lakeside School Welwyn

Mrs S Cooper, PE



On Wednesday 10th June we welcomed our friends from Lakeside School in Welwyn for an intensive morning of boccia.

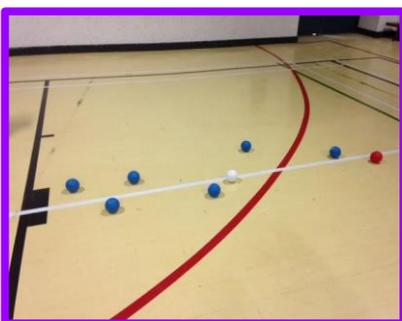
Boccia is an inclusive sport, similar to bowls, aimed primarily at disabled people. Students at Bushey Meads have the opportunity to play Boccia on a weekly basis under the superb guidance of coach, Mrs Hedges. This was the day this terms hard work was put to the test in a series of games.

The BMS Squad, this year, is made up of **Grace Bonner (captain), Kai Shah, Jack James, Callum Wynn and Ross Machen**. Having spent many Monday nights perfecting their game they took to the court to pit their technical and tactical skills against the travelling opposition.



Playing a match consisting of 4 games, all of which were ably officiated by Yr 13 student and qualified official **Charlie Baker**, BMS started slowly losing the first end of the first game. Some tactical substitutions from Grace saw the nerves quickly brushed aside and the next hand BMS secured a maximum 6 points. This was the building block the squad needed as they soared away from their opposition and secured an impressive 13-4 victory in game 1.

The second game was a much closer affair with players from both teams finding their game. BMS just managed to sneak victory 5-3. After a short break and some coaching from Mrs Hedges and strong words from Grace about ensuring BMS won the match the teams were off again.



Graces' words obviously struck fear into her team and they dominated the third game securing the match with a 14-1 victory! It was not to be a whitewash though and Lakeside earned themselves a deserved win in the last game 3-1, ensuring everyone went away as winners.

We look forward to inviting Lakeside back next year for some more competitive matches.

Thanks go to Mrs Hedges for her continual efforts to raise the standards of boccia at Bushey Meads, and also to Miss Lazarus for assisting on the day.

We would also like to say Thank You to DEMAND for donating our fantastic new set of balls and ramp, as a result of the promotional video we made with them.



Year 11 Leavers

Mr Allen, KS4 Pastoral Manager



Friday 19th June 2015 Leavers' Assembly

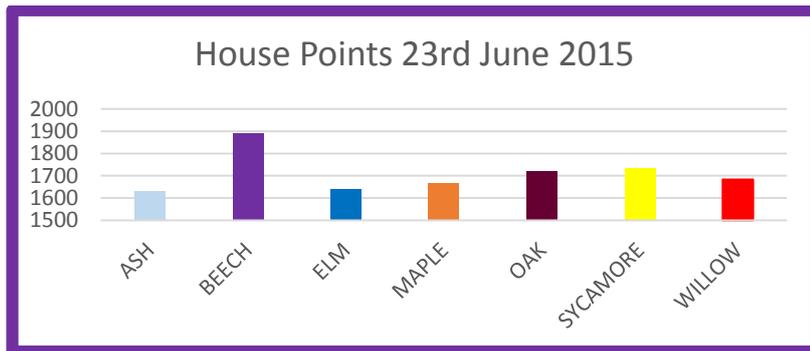
Last Friday afternoon saw the return of our year 11s for the final time to celebrate the end of the GCSE examinations. The students took over the quad at lunchtime signing shirts and saying their goodbyes before going into the main hall for the leaver's assembly. During the assembly, students were able to reflect and reminisce about their time spent at Bushey Meads School. It's always a pleasure to share old school photos to see how much the students have changed over the years.



*Goodbye and Good luck
to those students who
will not be returning in
September*



House Points Update



Current house points totals:

BEECH	1893
SYCAMORE	1737
OAK	1719
WILLOW	1683
MAPLE	1667
ELM	1640
ASH	1632

More changes! Sycamore have now crept into second place with Willow moving up into fourth place. Can any of the Houses move ahead of Beech? Sports Day points and the House Debating Competition could change everything.....

Elm House

Miss Ansari, Head of Elm House, writes....

It has been a pleasure to be the Head of House and work alongside the students to build a strong foundation for the Elm House. Throughout this amazing year, working and getting to know the Elm Family, we have been able to carry out extra-curricular activities, which have been an achievement.



Where do we start?

Mission Mexico.



Mission Mexico provides a loving, secure family home for children of all ages who have been abused, neglected, orphaned or abandoned, and mostly from backgrounds of extreme

poverty. It is situated in **Tapachula, Chiapas, Mexico**, and is a registered charity in Mexico. Children are referred to us by the Government Welfare Department and we provide a **loving and stable home** for them for as long as they need it. The refuge receives no ongoing financial support from the Mexican State or Federal Government. They are **supported by people from all over the world** and by formal groups of people in **Mexico, Australia, USA** and the **UK**.

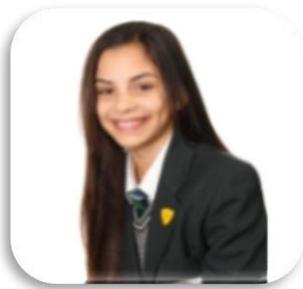
Students have come together across all years to work endlessly to make sure every activity carried out, is a success. Students worked really hard to successfully sell cupcakes, raising £200 for Mission Mexico.

Big thanks to Gillian Biggerstaff for spreading the word about #Misionmexico and to Fatemah Al-Zahra for organising a cupcake bake and sale with teachers & kids at Bushey Meads School which raised £200 for the Mision Mexico education programme. Education opportunities are vital for all members of the Mision Mexico family to help break the cycle of poverty. Gracias to everyone that helped raise the money! — at Mision Mexico



The next step for Elm House was the House Choir Competition

It was not only a memorable night, it was enjoyable and fun to be on stage with the students and to share that opportunity. Thank you to all the Elm Family that took part and the support of all the other houses and staff. Thank you to the choir students: Megan Basnett, James Roberts, Lewis Jackson, Zuzanna Pawlaczyk, Myfanwy Taylor-Bear, Hannah Maile and Shannon Richardson.



1st Place Junior Soloist:
Hannah



3rd Place Senior Soloist:
Shannon



1st Place Choir: James and Lewis helped bring the win home with the acapella in the background.

House Assembly

Eleanor and Megan (Year 12 ELM), working alongside me, produced an amazing assembly that displayed their personal opinion on Equality.

The students not only worked as a team, they were enthusiastic to investigate and research different opinions.



Always campaign - #LikeAGirl

Campaigns for change

This Girl Can - This Girl Can is a national campaign developed by Sport England to encourage all shapes and sizes women to get active! - This can also apply to men

HeForShe - This is a worldwide campaign organised by the UN and is a way of achieving gender equality - different from the other campaigns it focuses on men as well - this will hopefully prevent feminism becoming synonymous with 'man-hating'

Always #LikeAGirl - Adverts showing that 'like a girl' can mean amazing things

Religion Equality

Religion - religious and philosophical beliefs including lack of belief (e.g. Atheism). Generally, a belief should affect your life choices or the way you live for it

Whether you go to Church, a Synagogue, a Mosque or you consider yourself an Atheist, use the difference between you and your peers to learn about different cultures.

It can be very eye opening to learn about different people's beliefs

Freedom of religion means ALL religions, not just your own

LGBT Community

What does it mean?
The Lesbian Gay Bisexual Transgender community

How is it celebrated?
On the 27th of June 1969, police raided the Stonewall Inn, a gay bar in NYC's Greenwich Village. The bar's patrons, sick of being subjected to discrimination and harassment, fought back. For 3 days the LGBT community fought back to the streets this day is marked as the first movement in the community's fight for civil rights.

Fun Facts?
Sweden is marked as the most progressive/hardest country in Europe to LGBT's
June is LGBT Pride Month- memorials are held across the world to remember those who died due to hate crimes across history. Pride Parades are also extremely popular globally, the rainbow flag, an icon and symbolises and the community take to the streets, dancing, celebrating and aiming to show the community's honest and open nature.

Alumnus to row Ibiza to Barcelona

Helen Millar – Alumni Manager

Alistair Flowers, a former student, recently contacted me seeking BMS' help in supporting and raising awareness of a rowing challenge he will be undertaking in July of this year, with a mission to raise funds for the NOMAN Campaign. I do hope you will follow Alistair's blog and progress with great interest and if you would be interested in making a donation, please see the link at the end of Alistair's article...



I left Bushey Meads in 2000 and went on to study at Lancaster University for a BA Criminology and an MSc Social Studies at Royal Holloway, University of London. Throughout my undergraduate years I was involved with local charities working with the homeless and I was a student representative of The Howard League for Penal Reform until I graduated from Royal Holloway in 2012.

In 2011, I took an interest in health and fitness and visited Switzerland with a school friend from Bushey Meads days and we took on a couple of mountains – summiting one but turning back shy of the summit on another. When I returned home I was hooked and from there I took up marathon and eventually ultramarathon running (races of 26.3 miles and above, usually off-road).



This year, after running a few ultramarathons, I decided I'd like to try something a little different and set about on some research. I emailed an ocean rowing event Company enquiring about rowing the pacific but after some calculations this turned out to be a longer term plan. However, a few days later an e-mail arrived telling me about another, shorter ocean rowing race from Ibiza to Barcelona called NOMAN – participants would have almost everything they'd need supplied and in return would raise funds for the NOMAN Campaign.

I looked into HPV and the NOMAN Campaign and thought it an absolutely vital and worthwhile cause to raise funds and awareness for – my desire to row an ocean quickly changed from a merely selfish pursuit to find my limitations to something more than that and I signed up to take part with only 49 days until the start of the race!

The HPV & Anal Cancer Foundation's NOMAN Campaign raises awareness of the Human Papillomavirus (HPV) related cancer epidemic in men and women, and campaigns for universal HPV vaccination across the globe – the HPV virus is the cause of 5% of all cancers and a simple vaccination can stop this epidemic in its tracks and save future generations from unnecessary suffering!



The race itself is going to be epic. On May 27th I took up rowing having never been on a rowing machine and having never touched an oar! Needless to say but this is going to be my biggest challenge yet. It's going to be painful, it's going to be an adventure into a mental state that I've only brushed the surface of in my ultrarunning to date and it's going to push me past my current known limits of physical endurance. 200 miles across the Mediterranean Sea...wow!

Organising and undertaking the fundraising, administration, physical training and theoretical training in such a short time frame has proved itself to be a real handful especially as I started a new job on May 11th! My original budget and financial forecast went out of the window about 5 days after committing to this as unexpected costs just keep on popping up – I am paying for my travel, accommodation, training and courses so that means 100% of donations go directly to the charity so I am thankful for the smallest to the largest donations to date.

A big thank you to Bushey Meads and Helen Millar for their support in highlighting my challenge and raising awareness of the charity – it's great to feel supported by my school even 15 years after leaving!

My blog: www.alistairflowers.com

The cause: www.nomancampaign.org

All donations gratefully received:

www.mydonate.bt.com/fundraisers/alflowersrows

The Prison of Souls



Mr Bilton – Head of Science

Part 2 of 4

The corridor you are following begins to turn to the left and slope further upwards. You walk for hours, unable to understand how the corridor can still be turning to the left, when suddenly the corridor straightens.

This is the second part of a puzzle adventure. Read the story and try and solve the puzzles. Email your answer to the puzzles to **Mr Bilton** by Wednesday. There will be a prize at the end of term for the adventurer with the highest score.

You pause. Ahead of you, the corridor is lit by a strange sickly yellow light and your eye is drawn to the pattern on the stones in front of you. Each stone is carved with the symbol of an animal – you can discern a lion, an eagle, a serpent and a horse. Your eye is then drawn to fragments of bone that litter the corridor – and you grow suspicious of the safety of the corridor.



Looking down, you notice a scrap of bloodstained paper. Reading it, you can't help but think it has some importance here. It reads "Walk with Aquila". You need to pass through this corridor – but where do you step?

Puzzle 1: Which stones do you walk on?

Trusting your logic, you walk carefully through the corridor. You try not to look at the shattered and crushed bones scattered on the floor; instead focusing on placing your feet carefully. Whatever trap that corridor held, you made it through unscathed.



A little further along the corridor ends at a strong wooden door. To your surprise, the door opens easily and you pass through into a huge stone-vaulted chamber. The room is empty, except for a pedestal in the middle of the room, hung with yellowing tapestries.



You approach the pedestal and see that there is a large, dusty book upon it, locked with a metal strap. You're curious to read the book; desperate for any clues that might explain why you're here. Looking carefully at the tapestry the book rests on, you are excited to notice a message:

Gl lkvm gsv yllp hkvzp gsfh

But what does it say? And how do you open the book?

Puzzle 2: What does the message say? How do you open the book?

Having solved the message, the lock falls away and the book opens. Anxiously, you begin to read...

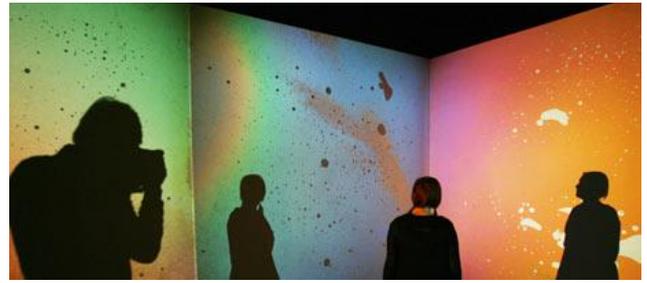
Exhibition Celebrating Art and Design at Bushey Meads

S. Brown – Music Teacher

Wednesday 8th July

6pm to 8pm

You are invited to attend our forthcoming exhibition celebrating the excellent work produced this year in Art and Design at GCSE, AS and A Level as well as the exciting film work produced in Media Studies.



There will also be a showcase of Arts entertainment including work from our Year 7 Arts Enrichment Day. Entertainment will run from 18:45pm to 19:15pm.

The exhibition will be held in the Main Hall where refreshments will be available. We look forward to seeing you.

Rounders Results: 17/06 - 24/06/15

S.Cooper – PE Teacher

Year 8 - SJC

Date: Wednesday 17th June

Opposition: Triangular Tournament

Result: Parmiters - Drew 6.5 - 6.5

St.Michaels - Won 4.5 -1.5

Team: E Houghton-Brown, A.Trivedi, R. Aravindan, B. Parker, A. De-Alwis, A.Rashid, J. Wheeler, M. Shah, M. Bonyadi, A.Barrett, G.Bryant

Player of the triangular: Ashvina Trivedi - Great support and encouragement as captain



Year 7 - SW

Date: Wednesday 17th June

Opposition: Triangular Tournament

Result: Parmiters - Won 8.5 - 6

St.Michaels - Lost 6 - 4

Team: V. Mishra, A. Andrews, A. Sindhi, T. Monzur, C. Lightfoot, K. Gunasegaran, M. Henson, A. Finley, A. Moss

Player of the triangular: Vanshita Mistra

Year 9 - SW

Date: Tuesday 23rd June

Opposition: District Tournament

Report: Sadly the team did not make it through from the group stages, but they played some good rounders and demonstrated good fielding skills.

Team: K.Phillimore, V.Woolmer, C.Baldry, L.Parr, L.Campbell, R Patel, R Langhi, R.Olcott, R.Kulkarni, M.Sjollema

Players of tournament: Megan Sjollema and Lauren Parr

Year 8 - SJC

Date: Tuesday 23rd June

Opposition: District Tournament

Report: In a tough group where 2 teams made it through to the semi-finals the Bushey Meads team fought hard but sadly were unable to overcome their opponents

Team: E.Houghton-Brown, A.Trivedi, G.Bryant, A.Barrett, R.Aravindan, A.De-Alwis, A.Rashid, M.Bonyadi, M.Shah,

Player of tournament: Ashvina Trivedi - just for that Catch!!!