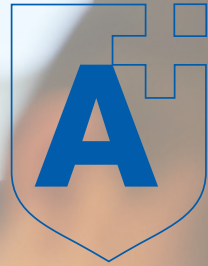


Reminder to Year 11 students to return their signed permission forms for their Meningococcal ACWY immunisations taking place next Wednesday. Also they are advised to wear loose sleeved shirts on this day.

NewsRound



Keeping parents and students informed

Term 3 Letter 5 Friday 03 February 2017

Cern Trip for STEAM members

A very special STEAM Club praise for: Angus Stewart 9T4, Safa Khan 9T1, Hannah Colwell 8T2, Zohaa Sheikh 8T6 and Samuel Edmonson 8T5 for being superb ambassadors of the Academy on their recent visit to the Large Hadron Collider at the CERN Laboratories, Switzerland - the prize awarded for being the Most Dedicated STEM Club National winners for 2016. This trip was an excellent enrichment experience for our students, who were praised by CERN for their mature behaviour and for having been so well prepared prior to the trip with the right knowledge and questions. Our students have returned inspired to consider careers at CERN.



During the weekend visit the students were kept busy touring the centre where they visited the amphitheatre where the Higgs boson was announced - an historical moment in modern Science. They carried out practical experiments to make mini cloud chambers to detect the tracks of particles at the Cloud Chamber Workshop. They toured the CERN Control Centre - where all the projects are managed from, such as the Large Hadron Collider, the Super Proton Synchrotron, the



Proton Synchrotron Complex, and the Technical Infrastructure.

At the Safety Training Area Building, a mock tunnel set up for the Large Hadron Collider, the students learned about the extensive safety drills and underwent a safety training experience involving a mock explosion. An interesting tour of the CERN Data Centre was also on the itinerary and students viewed where the enormous volume of research data is processed and stored. CERN recently passed 100 petabytes of data, which is equivalent to 700 years of full HD quality movies!

They saw the Compact Muon Solenoid (CMS) - a particle detector at the Large Hadron Collider, located 100m underground in a cavern on the French side of the Swiss-French border. The CMS is built around a huge solenoid magnet that generates a field of about 100,000 times the magnetic field of the Earth, which is confined by its steel yoke weighing 14,000 tonnes, and has dimensions of 21m long, 15m wide and 15m high. Being one of the largest international scientific collaborations in history, the students were in awe when they visited the CMS.



The trip also included dinner with the CERN Scientist - the students enjoyed an evening of dining with UK physicists, engineers and technicians from CERN. The evening consisted of fascinating discussions about the research and applications of CERN, and the students impressed the experts with their interesting questions as well as their own theories on the creation of the Universe. A very successful trip indeed! Well done all!



Thank you so much to all at ATA for the £903 raised through our Christmas showcase and mufti day, to support Educate for Life. Your fantastic fundraising will enable children to attend Hunar Ghar School. This gives them the chance to develop skills which will change their future opportunities. Most children at Hunar Ghar are the first people in their families to come to school and to learn to read and write. Coming to school also means they will have daily meals and regular health checks - making sure they have a much healthier start in life.

National Story Telling Week

Students from all years enjoyed the lunchtime reading sessions with staff who read aloud from their favourite books. Ms Sargeant read the story Aladdin's Lamp while Ms Khan read from the Day I Told the Truth both short stories from Stories from the Edge. Mr Barry captivated his audience reading a short story by Neil Gaiman called 'Chivalry' and Ms Paton read 'The Boy'.

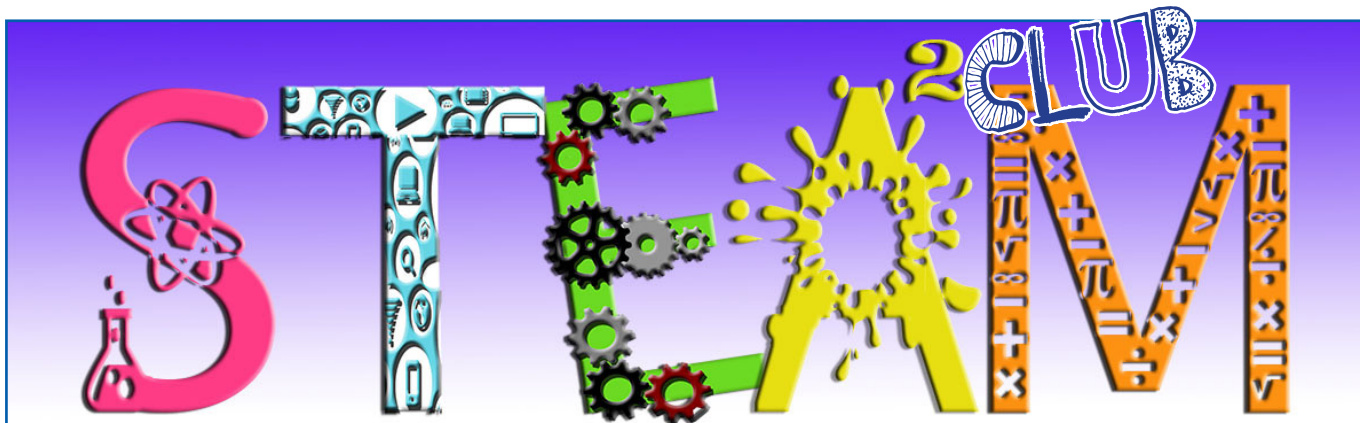


Wizard of Oz

Monday tickets still available



Tuesday SOLD OUT



Important Update

Well done to all STEAMies who have successfully completed their current rotations. It's time to switch rotations from Tuesday 7 February 2017. Please follow your group allocation for the next STEAM rotation:

Year Group	Current Project Rotation	Teacher	Room
9	Explaining Mysteries with Science	Mr Mensah	C210
7(a)	The Maths of Language	Mr Revelant	D304
7(b)	Cooking Club	Ms Niklekaj	B101
8(a)	Textile Rockets	Mrs Aldred-Hall	E112
8(b)	Rocket Car	Mr Morrissey	C111

1:20pm on Tuesdays in the rooms allocated above.

Each project rotation will be for 4 weeks and you will then switch

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

STEAM Cooking

In Ms Niklekaj's Cooking Club the Year 8 STEAMies made Banana cake, which everyone loves. STEAMies enjoyed preparing and even better eating the cake. Staff got to try some too and have provided great feedback. Delicious!



STEAM Design



In Mrs Aldred-Hall's Textiles Rocket Club, the Year 9 STEAMies made good progress towards finishing their rocket torch key rings. Their work looks amazing indeed!

In Mr Morrissey's Rocket Car Club, the Year 9 STEAMies today completed the bodies of their rocket cars. They used the disc sander, fret saw and abrasive paper to make their cars as smooth and aerodynamic as possible. This group

are looking forward to testing out their rocket cars on race day. This is very exciting!



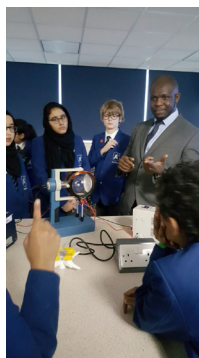
STEAM Language



In Mr Revelant's Maths of Language Club, the Year 8 STEAMies challenged themselves with new types of codes and investigated the nature and use of ciphers throughout the ages; what they are, and how they have affected (and possibly even

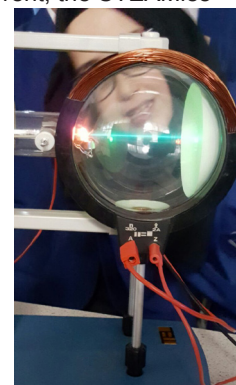
determined!) the course of history and human development. Of particular interest were the Transposition Ciphers and Vigenere Cipher, which our STEAMies tackled and cracked quite easily after a few attempts. Mind-boggling and very clever!

STEAM Science



In Mr Mensah's Explaining Mysteries with Science Club, it was another exciting week for the Year 7 STEAMies as they looked at how electrons deflect in a magnetic field to model the Northern Lights. Mr Williams, Head Science Technician, provided some fantastic demos to observe, such as helium gas which was ionized in a cathode tube and, by changing the current, the STEAMies were able to observe the beam of light bend in

the magnetic field. They used this idea to explain the movement of the beam of different coloured lights during Northern Lights as a result of the magnetic field created. They passed a large voltage through different inert gases and observed the different coloured lights given off when the electrons get excited also. Super Science in action!





STEAM House Competition

STEAM entries for the exciting Tournament of Minds (ToM) competition have now been submitted. This competition is open to all STEAM students and involves working in house groups to solve a specific challenge, using STEAM skills. There will be a ToM briefing with Ms Khan and Ms Dowson on Wednesday 8 February 2017 at first lunch in Ms Dowson's Maths classroom.

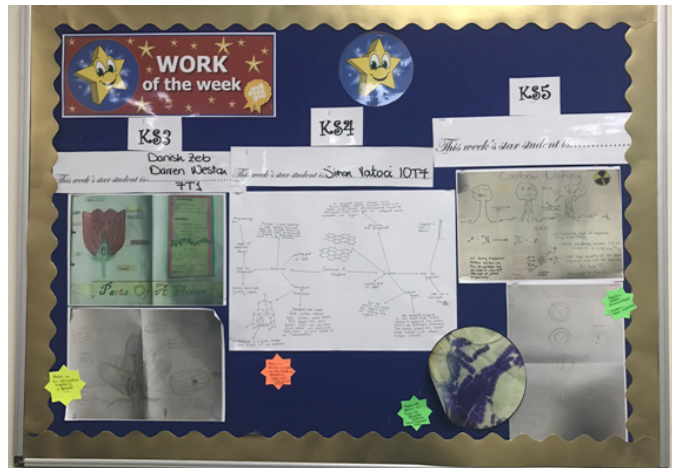
Details of the challenge will be released and the STEAM house teams will commence with solving the challenge after the February term break, with fabulous prizes for the winners. See Ms Khan or Ms Dowson for further information

Science Work of the Week

Danish Zeb and Darren Weston from 7T1 for their posters on the reproductive organs of plants.

Simon Vatoçi 10T7 for his revision resource on Diamond and graphite

KS5 students Mohammed Ataya, Marcus Jonas and Fred Tovey Ansell all produced a poster on Carbon dating (4rd picture) and Zsofi Steingart and Melissa Agoro produced a flowchart of the process of Meiosis



Chinese New Year Competition

To celebrate Chinese New year the LRC held two colouring competitions and a word search which were enthusiastically entered by KS3 students.

The winners were:

Word search: 1st Labiba Salahuddin 7T2, 2nd Anastasia Champagne 8T2 and 3rd Muskan Sheikh 8T4

Dragon colouring: 1st Shania Tiekü 9T3, 2nd Lois Levi 8T7 and 3rd Mungo Mylchreest 8T2

Rooster Colouring: 1st Aliza Eshaal 7T3, 2nd Fiza Sadiq 7T4 and 3rd Nicole Coombs 7T4.

Winners were rewarded with gifts of stationery items.

Nike Fitness Club

Praise for the superstars yesterday who worked incredibly hard in NTC fitness during the Wednesday lunch session.

They completed 1 minute intervals with their partners and gave it their absolute all.

They come to Nike fitness Club regularly to work out to an exercise routine. Well done ladies. See you next week.



Eleanor Welche 7T2, Hanan Mahamoud 7T4, Fariha Siddique 7T5



Aundre Fraser 8T7, Serena Likayi Mompondele, Finda Sam-Sumana 8T7, Sajeelah Butt 8T5, Hannah Colwell 8T2,

Louise Barnett 8T4, Kazia Boteng 8T6, Amanda McFarlane 8T6, Halima Ibrahim 8T6, Alicia Pascoe 8T6, Rahaf Ibrahim 8T6, Zayton Abshir 8T4, Atinuke Okesola 8T6, Aminah Roahmah 9T4



Spotlight on Achievement

Congratulations to former student and member of the Head Student Team 2011 Hadi Arran who has just graduated as an officer in the RAF.

Some staff members remember Hadi as having a personable nature and all round academic ability being well liked by everyone.

Sky Sports Living for Sports

Invited Year 9 students thoroughly enjoyed their time with Paralympic athlete Tim Prendergast (unfortunately Toby Garbett was unable to come along as planned).

Tim began losing his sight aged 8 years and within five years had depleted by over 90%. This did not stop his passion for sport and he found real enjoyment in running.

Tim hopes that sharing his own experience of overcoming disability to succeed will inspire young people to overcome their own obstacles. Tim uses the expertise he has gained from previous years on the initiative to visit schools and help students to continue to develop and improve their lives through sport.

Part of his session is to establish team work through fun sport games which works on their skills to communicate with one another to achieve success.



£1 ENTRY FEE

London Mini Marathon Trials 2017

Sign up to the London Mini Marathon trials for your chance to be part of Team Wandsworth and run the last 5km of the London Marathon Route.

To be eligible you must either live, go to school or have been born in the borough of Wandsworth.

**Millennium Arena
Battersea Park SW11
Sunday 5 February 2017**

- under 13s
- under 15s
- under 17s
- there's also an under 11s 2km Fun Run

For more information
call (020) 8871 8386 or email
aormonde@wandsworth.gov.uk
Download the entry form from
[www.enablelc.org/
minimarathon](http://www.enablelc.org/minimarathon)



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REMAINDER TERM DATES 2016-2017

Staff Dev Day Tue 03 Jan
Term 3 begins Wed 04 Jan – Fri 10 Feb
Term break Mon 13 Feb – Fri 17 Feb 2017

Term 4 begins Mon 20 Feb – Fri 26 May
Staff Dev Day Fri 31 Mar
Easter break Fri 31 Mar – Mon 17 Apr
Bank Holiday Mon 01 May
Term break Mon 29 May – Fri 02 Jun 2017

Term 5 begins Mon 05 Jun – Fri 21 Jul

TERM DATES 2017-2018 Academic Year

Term 1 begins Wed 30 Aug (Year 7)
Thur 31 Aug (Year 8-11)
Term break Thur 19 Oct - Fri 27 Oct 2017

Term 2 begins Mon 30 Oct - Fri 15 Dec
Term break Mon 18 Dec – Tue 02 Jan 2018

Term 3 begins Wed 03 Jan – Fri 09 Feb
Term break Mon 12 Feb – Fri 16 Feb 2018

Term 4 begins Mon 19 Feb – Fri 25 May
Easter break Thur 29 Mar – Fri 13 Apr 2018
Bank Holiday Mon 07 May 2018
Term break Mon 28 May – Fri 01 Jun 2018

Term 5 begins Mon 04 Jun – Fri 20 Jul



	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 & Sweetcorn Lasagne with Garlic Bread Vegetable Quesadilla	Sausages & Onions, Potato Wedges Vegetable Layer Pie	Beef Curry and Rice Veggie Mince Pitta Bread and Salad	Roast Chicken (Halal) and Roast Potatoes Cauliflower Cheese	Homemade Tuna Fish Cake with Potato Wedges Vegetable Pasta Bake	
	Stone Baked Pizza Jacket Potato	Pasta King Jacket Potato	Chicken Joe's Wrap Jacket Potato	Pasta King Jacket Potato	Chicken Joe's Wrap Jacket Potato	
	Green Beans and Salad	Baked Beans or Macedoine	Broccoli and Sweetcorn	Carrots and Cabbage	Salad and Peas/Sweetcorn	
2	Leek and Potato Soup	Winter Vegetable Soup	Tomato and Basil Soup	Minestrone 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	Fruit Crumble and Custard	Fruit Sponge and Custard	Chocolate & Mandarin Puddle Pudding and Custard	Apple Pie and Custard	Steamed Sponge and Custard	
	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) £2.15 students/£2.36 staff Main Meal only £1.83 students/£2 staff

Lunch Rota next week: 1.05 Year11/Year 8 1.15 Year 9 1.25 Year 10 1.35 Year 7