



HENDON NEWS



Sixth Form Physicists visit the Large Hadron Collider in Switzerland

In November, an enthusiastic group of Year 12 and 13 Physics students travelled to Geneva, Switzerland to visit the Large Hadron Collider at CERN. CERN is the Centre Europeen pour la Recherche Nucleaire, and is home to thousands of scientists and engineers, who are trying to find the answers to all sorts of fundamental questions.



along Lake Geneva whilst the sun was setting. Although this was a short trip it was really interesting and inspirational.

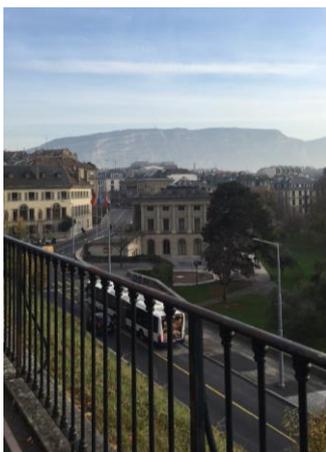
As the Head of Physics, I hope that the trip sowed a few seeds in the minds of our students. The students asked great questions and there were some interesting conversations about muons, electrons and bosons! The trip even inspired some of the students to think about a career in particle physics.

I want to thank all the students for being such great travelling companions and for being so enthusiastic and motivated.
Anjali Patel (Y13), Mona Elghzal (Y12) and Mr Frank Joseph (Head of Science)

Whilst visiting CERN we had a lecture explaining the history of the collider and how it operates. We were also given a tour around some of the areas within the site which included being on both sides of the border between France and Switzerland.

We learnt about the study of antimatter and various theories that physicists are exploring. The trip to CERN was very beneficial as our knowledge of particle physics was enhanced which is a large part of what we study in A-level Physics.

Additionally, we were able to go sightseeing around Geneva. We went shopping in the town, of course buying lots of chocolates, and we were able to see the mountains and go on a boat ride



It was a grey November morning as we stood on the platform at West Hendon Station; Year 12 students and Year 13's in separate clusters. But gradually as the awkward social chat turned to "The Physics," the thaw set in and one by one all students began to show, unashamedly, just how excited they were about the trip to CERN in Geneva. CERN is of course the home of The Large Hadron Collider where in 2013 the elusive Higgs Boson particle was identified to the enormous excitement not just of Science geeks but also the wider public. Tabloids carried stories of the imminent (and accidental) creation of a Black Hole. In the event its presence was obvious (less dramatically) on several computer screens. It had been broadcast along with scenes of laughter, tears and celebration from many of the world's top physicists who had worked for decades to investigate whether the Mathematics and theoretical Physics would be validated by the experimental work conducted at CERN.

Sadly (the only disappointing aspect of the entire Hendon School trip to CERN) Easyjet would not allow one student - who was probably more excited than any of us to go to CERN - on the plane. They claimed visa issues, despite checking he had the correct visa with the embassy. The entire group was devastated and Mr Jennings kindly escorted the young man back to school, thus missing the trip himself. The students sent messages to their friend and brought him CERN themed gifts to try to make it up to him. We all hope he will have the opportunity to visit next year.



The hostel in Geneva was more like a hotel and everyone was comfortable. The first evening, having settled in we all went to the cinema to watch *The Martian*. As a non -scientist, it was interesting to hear the group discussing the plausibility of storms on Mars and how convincing or not was Matt Damon's portrayal of a man stranded in space!



The day at CERN has been well described by Mr Joseph, Mona and Anjali so not much to add. However, I was struck by how impressed the physicist who showed us round was with the knowledge and interest shown by Hendon students. She promised to help future parties from Hendon School to get access to restricted areas closer to the actual accelerators!

After so much high powered science the group relaxed by playing on swings in the Geneva sunshine overlooking the city. We later enjoyed an idyllic boat ride across the lake under the setting sun before a jolly evening of pizza at a local restaurant. Throughout the trip the atmosphere was convivial and yet inquisitive. Conversation kept returning to the wonders of quantum and particle physics and the wonders of the universe.

Saturday morning we (slightly regretfully) returned to a rainy and gloomy Luton airport but spirits were still high. We had all learned a lot, been greatly inspired and were sad that the trip was over so soon. The students were an absolute credit to themselves, their teachers and Hendon School

Ms Whitaker - PDS



To secure your place for Music Lessons next term please make payment by 11th December, details can be found on ParentMail.

Year 9 Activities Week deposits and the Spanish Exchange payments can also be found on ParentMail.

Diary Dates

❖ Thursday 3 rd December - Friday 11 th December	Year 12 & 13 Mock Exams
❖ Monday 7 th December - Thursday 17 th December	Year 11 Mock Exams
❖ Friday 11 th December	Year 10 Maths in Action Trip
❖ Wednesday 16 th December	Christmas Concert
❖ Friday 18 th December	End of Autumn Term (School closes at 12.15 pm)
❖ Monday 4 th January	Start of Spring Term/Academic Review Day
❖ Wednesday 13 th January	Model UN Event
❖ Thursday 14 th January	Year 11 Drama War Horse Trip
❖ Thursday 21 st January	Year 11 Parents' Evening
❖ Tuesday 26 th January	Staff Development Day - School closed for students

The Friends of Hendon have launched a lottery in order to help raise funds to build a new dance studio. The lottery is open to all, so please encourage other people you may know to get involved, the more people that play the bigger the prize and the more money the school will raise. A leaflet with further details is attached to the newsletter or you can go to www.yourschoollottery.co.uk/lottery/school/hendon-school/

PE NEWS

Football season takes a winter break: Year 8 and 9 teams look forward to February play-offs; Year 7, 10 and 11 teams enter plate competition

Hendon School play in the West Barnet Schools league, in which all teams play each other once. The top 4 teams from the league progress to the Quarter-finals of the Barnet Championships with the Top 4 teams from the East Barnet Schools League. All other teams enter a 'Plate' competition. The Barnet Championship and Barnet Plate commence in March 2016.

Year 7 - 5 th Place (Won 2 Drew 0 Lost 4)			
Manager	League games remaining	Star Player	Top Goalscorer
Mr Harper	2	Romario Martin/Jude Elandoworth	Rico Falconer

With 2 wins from their first 3 games there were high hopes amongst the Year 7 camp that Mr Harper could lead them to a top 4 finish and progress to the February play offs. Three consecutive losses however have made it mathematically impossible to finish in the top 4 despite having 2 league fixtures to complete when the season resumes in February. With a highly talented squad including Barnet superstar Romario Martin, Mr Harper will be hoping for a good run in the 'plate' competition in February.

Year 8 - 3 rd Place (Won 4 Drew 1 Lost 2)			
Manager	League games remaining	Star Player	Top Goalscorer
Mr Richardson	1	Jake Lee	Jake Lee

A solid season from Mr Richardson's boys has seen them guarantee a top 4 finish with one league game remaining. Jake Lee has been in terrific form this year with 8 goals in 7 games. They will be hoping they can raise their game for the play offs after being comfortably beaten by both Whitefields and St James in the league this year.

Year 9 - 2 nd Place (Won 5 Drew 1 Lost 1)			
Manager	League games remaining	Star Player	Top Goalscorer
Mr Welch	0	Hodje A-J	Dion O-A

Arguably the most entertaining football team in Barnet. Mr Welch's team have scored a league-high of 32 goals this season, with Dion claiming 13 of them. Mr Welch will have to get over the heartbreak of narrowly missing out on the league title as they will no doubt be one of the favourites going in to the play offs.

Year 10 - 6 th Place (Won 1 Drew 0 Lost 4)			
Manager	League games remaining	Star Player	Top Goalscorer
Mr Holt	1	Jacques Kapitene	Jaden Nelson

It has been a tough league campaign for Mr Holt, whose Year 10 squad last tasted victory back in September. A cup run which has seen them make it through to the semi-finals has meant there is still plenty to play for this season.

Year 11 - 6 th Place (Won 1 Drew 0 Lost 4)			
Manager	League games remaining	Star Player	Top Goalscorer
Mr Richardson	0	Denzel A-G	Adnaan M

An opening day win against TTA was followed by 3 close defeats and an 8-2 drubbing by league champions St James. Mr Richardson will be hoping this squad can have one last hurrah in the plate competition come February.

PE Extra-Curricular Timetable

A reminder that we offer PE clubs every day: before school, at lunchtime and after school. All clubs are free of charge and either ran by PE Teachers or fully-qualified external coaches. Students must be in full Hendon PE kit in order to attend clubs.

Mr Richardson - Teacher of PE

		Monday	Tuesday	Wednesday	Thursday	Friday
Before School	Sports Hall	Dodgeball CHA	Short Tennis BRI	Trampolining KDO / THO Basketball - OG	Indoor Football EWE	
	Sports Hall	Sports Academy BRI	Trampolining KDO / THO	Basketball HWI	Badminton DSH	Indoor Rugby CHA
Lunchtime	Fitness Room	Open to members	Open to members	Open to members	Open to members	Open to members
	Old Gym		Table Tennis Zoli			
	Sports Hall	Table Tennis Zoli		Basketball Training HWI	Netball Training KDO / DSH	6th Form Enrichment
After School	Fitness Room					6th Form Enrichment
	Field/Courtyard		Yr 7 and 8 Boys Football Training CHA / BRI		Yr 9, 10 and 11 Boys Football Training EWE / THO / BRI	6th Form Enrichment
	Old Gym		Dance	Muay Thai Shahab	Dance	



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- A **GUARANTEED** prize to someone on our supporter list every week!
- Money raised within our community **STAYS** in our community – the **PROPER** way to run a lottery!
- All of our profit goes to **OUR** school!
- Joining is easy just click the button below...



To Start Supporting, visit:
www.YourSchoolLottery.co.uk

And search for:
Hendon

Supporters must be 16 years of age or older

