

Teachers' trip to CERN aids tomorrow's physicists

by Megan Burns

TWO teachers from The Heights went to the centre for scientific research in Switzerland – CERN.

Our former deputy headteacher Miss Ashworth and science teacher Mrs Thompson went on a four-day trip to learn more about the facility and the latest scientific developments.

Mrs Thompson said: "While I was there, I attended lectures delivered by scientists working on the experiments and went underground to see the actually ALICE experiment, which is very rare to be able to see."

"I saw where antimatter is made and got to try fondue for the first time."

She said before

going on the trip, she knew that CERN worked to try to find out how the universe began and she will now be following the experiments that are being carried out on how antimatter acts.

Mrs Thompson said: "I am a biochemist and going to CERN taught me more about physics and nuclear physics. This means that our students will be taught more about real world science developments."

Some students may have heard about the Higgs Boson. Mrs Thompson explained that the Higgs Boson is a particle that is responsible for the forces that hold matter together.

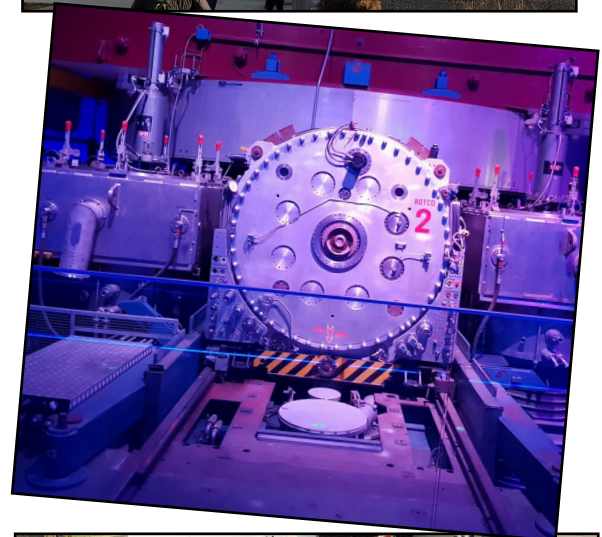
She said the Large Hadron Collider at CERN can't actually see the Higgs Boson, but instead it can see the

two photons of light that it decays into.

I did a bit of research into CERN and found out that it operates the largest particle physics laboratory in the world and it was established in 1954.

In 2016 it had 2,500 members of staff and it operates a network of six accelerators and a decelerator machine used to increase the energy of a particle beam.

The Large Hadron Collider is located 100 meters underground. Most of it is in France and the rest is in Switzerland in a tunnel that is about 17 miles in circumference. Wow that is big.



Beautiful Mothering Sunday cards were created by students to say thank you.



AIDS awareness

by Caitlin Duval

STUDENTS learned more about HIV and AIDS as part of World AIDS Day.

Safeguarding lead Mr Kershaw said: "We held two assemblies as part of World AIDS Day to raise awareness among the students who knew very little about the condition.

"The best way to prevent AIDS is to use protection and be careful."

Vocational courses are insight into college

by Megan Burns

AT THE Heights Key Stage 4 students get to go to college to take part in practical lessons.

At Burnley College students have been completing their BTEC Construction and latterly they learnt how to apply patterned wallpaper.

Teaching assistant Miss Brierley said: "Not only were the students working independently on their walls, they were also using very detailed wallpaper which required patience in the preparation and precision in the application.

"The finished walls looked liked been they had been wallpapered by a professional."

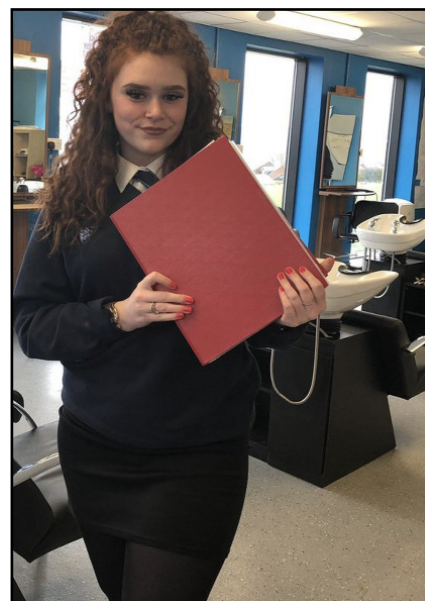
At Blackburn College students have been learning joinery skills.

Miss Brierley said: "The Year 11 students attending college have now finished their practical and are working on their theory in preparation for their exam which will gain them a BTEC qualification."

She added that students at The Heights were very lucky to have the opportunity of studying in college.



A Lego building competition saw students creating models of all shapes and sizes.



Congratulations to Courtney Simpson who has completed her Hair and Beauty Level 2.



Celebrating books

by Caitlin Duval

WORLD Book Day is a celebration of the written word and encourages people to read and love books.

At The Heights some students and teachers dressed up as book characters. There was a special menu being served at lunchtime.

Catering Manager Mrs Woodruff said: "I came up with a special menu for the students in recognition of World Book Day.

"I referenced different books to get my inspiration and came up with dishes including Gruffalo pie, Quidditch tart and Bruce

Bogtrotter chocolate cake, which was named after the character in Matilda."

Mrs Woodruff said her favourite book is 'The Island' by Victoria Hislop because it was true to life and she was impressed by the research the author had carried out.

She also said she loves having themed days at school because the students enjoy them.

One of the many staff who dressed up was English teacher Miss Cockerill who dressed up as Miss Havisham from the book 'Great Expectations'.

She said: "I really enjoyed dressing up because it was so much fun. I also liked the activities we did on the day and

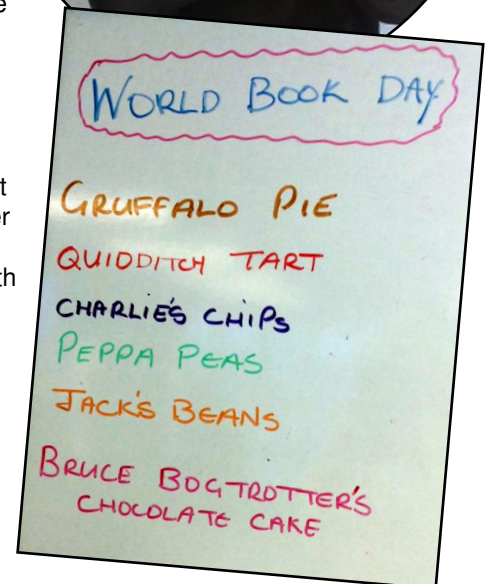
thought the students gained a lot."

From a young age, she said she had always loved reading and thought that English was a really creative and important subject. Miss Cockerill said what she enjoyed most about teaching was helping young people to be confident and think deeply and creatively.

She said: "My favourite book is 'The Curious Incident of the Dog in the Nighttime' because you get to understand autism better through reading the book and you can empathise with the character."

Miss Cockerill said she likes reading books because it educates her about the world.

Lots of the younger students got dressed up as characters and Key Stage 2 students also got to make pancakes.



Cooking up a treat

by Megan Burns

NURTURE students had a tasty lesson when we got to make a corned beef pastry.

The Year 7 and Year 8 students first made the pastry and then took corned beef and made it into a filling.

The finished pasties looked really good and I took mine home for my mum and she loved it.

Students also got the chance to make delicious scones.





Our football team took on Coal Clough Academy and won 1-0 keeping our 100% win rate.

What goes up...

by Megan Burns

GROUPS of students spent a couple of days 'going up the wall' near Entwistle.

The rock climbing and abseiling days were led by Outdoor Education teacher Mr Hayden.

Teaching Assistant Miss Brierley, who accompanied the Year 10 group of students, said: "It was a brilliant day and the weather was perfect. Two students got up the wall really quickly and got down again even quicker.

"It was fantastic for team building and exercise and it was nice to see the pupils supporting each other, especially the more nervous."

Year 8 students also got the chance to tackle the same walls before the end of term. I was one of the students and it was a bit scary and very windy when we got to the top of the rock. I was quite scared when I had to abseil back down.



Understanding epilepsy

by Caitlin Duval

WORLD Purple Day is held to recognise people who have epilepsy and to raise awareness of the condition.

English teacher Miss Cockerill led an assembly to bring to the students' attention information about the lifelong condition.

She said: "It is really important to raise awareness about epilepsy and for students to know how they can support someone who has

epilepsy and know how to help someone if they have an epileptic fit."

During the assembly the students learnt about ACTION – this stands for:

Assess the situation.
Cushion the patient's head.

Time. Check the time and if the person is fitting for more than five minutes call an ambulance.

Identify. Check if they have a medical bracelet.

Over. Once the seizure is over, put them onto their side into the recovery position.

Never restrain or put food or drink into the mouth of someone having a fit.

Teaching assistant Miss McInerney spoke out during the assembly and revealed that she suffers with epilepsy.

She told *The Heights Free Press*: "It can be quite scary not knowing what is going to happen and can be frustrating having to plan everything that most people wouldn't have to. It's a lifelong challenge so it's good for people to be more aware of the condition."

Students mastering team games in sport and leisure lessons.

