



**Berkeley
Green
UTC**

**WEEKLY NEWSLETTER
30-SEP-22**

Headteacher's Update

I had the pleasure this week of taking 130 year 12 and year 13 students to Ashton Gate stadium in Bristol for the National Apprenticeship Show. There were approximately 50 different apprenticeship providers at the exhibition from a range of different career paths.

As a student body full of STEM specialists, we were able to speak to a large number of STEM apprenticeship providers such as GCHQ, MOD, the 3 armed forces, Renishaw, and Airbus. There were plenty of other providers that our students were able to meet and interact with and all students left having had worthwhile conversations.

I really enjoyed seeing our students have professional networking conversations with employers. This skill will put them at an advantage moving into the next stage of their professional careers.

Next week we will be beginning our year 10 and 11 enrichment programme, giving students an opportunity to explore an eclectic range of non-STEM based activities such as football, rugby, Dungeons and Dragons and art.

Gareth Lister



Black History Month

Next week we will be celebrating Black History Month at the UTC. We will start with an assembly at the beginning of October and as with everything at the UTC we will have a STEM focus. In the assembly we will be looking at black inventors and pioneers who have influenced the way we use the internet and technology today.

Student Celebrations

This week again we had over 250 students achieve 100% attendance and entered the Choco Lotto, and this week's winners were: Rowen Sweet Year 10, Archie Fowles Year 10, James Baulch Year 11 and Daniel Trayler year 13.

Each tutor group this week has done incredibly well again with Displaying the UTC Values with MOOG coming out on top of year 10 with 84 Points, Intel topping year 11 with 64 points, Rolls Royce leading year 12 and the whole UTC with 139 Points, and CSA taking the year 13 title for this week. The individual weekly winners were:

Year 10

- Reece Owen – 11
- Giovanni Bailey – 9
- Isabelle Hopkinson – 9

Year 11

- Jensen Bush – 8
- Amy Carter – 8
- Jonah Robinson – 8

Year 12

- Libby Edsall – 6
- Lyth Moss – 6
- Jack Whitehorn – 6

Year 13

- Harry Baldeon – 4
- Matthew Harboard – 4
- Jakub Szalski – 4



Year 10 engineering students have been developing their CAD skills.



All students took part in the Great Big Green Week in assemblies.



Post 16 students at the apprenticeship event at Ashton Gate



Finley testing his reaction skills at the Army exhibit



Will, Caleb and Toby discovering the engineering behind brewing with Marston's (cold tea in this instance)

Key Stage 4 Curriculum Update

In year 10 VIP this week, we have looked at the rights of every child under the United Nations convention and how important it is to be considerate of other people's opinions/views.

Darren Laban – Teacher of Values in Practice

Eco-schools

This week, students learned in assembly about The Great Big Green Week, which celebrates community projects that focus on sustainability and prevention biodiversity loss. As one of the most nature-depleted countries globally, the people who work hard in their communities to protect our native ecosystem services deserve to be commended. Many local community hubs have put on free, family-friendly eco events with many happening this weekend and everyone's invited! See what's happening in your area: <https://greatbiggreenweek.com/find-an-event>

Contributing time to active community involvement is a fantastic way to be a part of the solution locally, which has been shown to combat eco-anxiety, a problem that affects 68% of young people.

For any students who wish to involve themselves in the UTC Eco-Committee and help to implement positive change, come along our first meeting on Thursday 6th October in U003.

Sophie Whipp – Eco-schools Lead

Rights Respecting School

This week we have been looking at Article 4- the Government should make sure my rights are respected. In KS4 VIP lessons we have looked how laws are made, role of Parliament and the criminal justice system. In KS5 we have focussed on being 18 and being able to vote. We have had some fantastic discussions based on how children's rights should be taken into consideration when making laws and how the criminal justice system changes for young offenders, acknowledging how this ensures children's rights are upheld.

6th form students enjoyed conversations about political parties and how their rights might change when reaching 18. Students feel that the Government plays a big role in ensuring that they are protected and have strong opinions that their rights are important. It's so great to witness such passionate opinions from our young people.

We are continuing our own democracy this week and next week with student council elections. Results will be published soon.

Jo Brown – RRS Lead

Upcoming Dates

6th and 7th October – Year 13 physics trip to CERN

19th October – MS Teams meeting with the leadership team

21st October – Rolls Royce employer project

21st October – Last day of term

Apprenticeships

[Mechanical, Electrical and Public Health \(MEP\) Engineer](#) – Level 4 - £19,000- MACE - Heathrow Airport

[MEP Design Engineer](#) – Degree- £19,000 - MACE – London

[Civil Engineering Degree Level Apprenticeship](#) – Degree - £19,099 - Cormac Solutions – Cornwall

[Civil Engineering Apprenticeship](#) - Level 4 - £19,000 -Kilnbridge Construction Services LTD – Hertfordshire

[Chemical Engineering – Degree](#) - MACE - £17,000 – Manchester

[Civil & Structural Engineer Apprenticeship](#)- Degree – £18,000 - Perega Ltd - Guildford

Key Stage 5 Curriculum Update

This week in physics, year 12 students have been learning about the standard model which describes the different particles making up the universe. They have learnt about quarks, hadrons, leptons and the differences between interactions involving the four fundamental forces. They have particularly enjoyed discussing what makes a strange quark so strange!

Lesley Ward – Teacher of Physics