

THE LIGHTHOUSE

ISSUE 22

Success in learning, Success in life

SPRING 2023

BRIXHAM COLLEGE HOSTS SCIENCE SPECTACULAR

Hundreds of children from across Torbay had a day of mesmerising experiments following a science spectacular at Brixham College earlier in the year.



More than 600 children enjoyed the two-day Wonderstruck science show and left amazed and inspired about the wonders of physics and chemistry.

The event saw ear splitting explosions, fire-fuelled bangs, gunpowder, flames and smoke, a 10ft fireball, rocket building sessions, mind expanding science facts, and a demo of a working jet engine within the workshops. Mark Eager, Principal at Brixham College, said it was brilliant to bring schools from across

Torbay together. He said: "We are incredibly proud to deliver an education that challenges, inspires and excites our students so, welcoming Peter from Wonderstruck back to contribute towards this, was an absolute pleasure. We were delighted to have the opportunity to invite our community of primary schools to join us".

SAVE THE DATE: Year 5 Open Mornings July 3rd and 4th. 9.30am - 11.30am

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Peter Wright, of Wonderstruck, praised Brixham's warm welcome: "It's always great to come back to Brixham. We're guaranteed enthusiastic audiences and a really enjoyable event. It's certainly one that we look forward to. Any event where we get a chance to engage with young people and inspire them to think about the wonder of science and how amazing the Universe around us is worthwhile. The world is facing a lot of challenges at the moment and empowering young people to understand and help to meet those challenges is key to what we do".

Mandy Gage, the Director of Education at the Thinking Schools Academy Trust for Torbay, praised the team who led the event, saying: "It has been wonderful to see Brixham College holding an event for other schools within the community. At the Thinking Schools Academy Trust, we're all about transforming life chances of children and young people by inspiring them through many different ways. This Wonderstruck event is a perfect example of our passion to give pupils something to remember and learn from".

Tom Norman, who is a teacher of Physics but also leads Computer Science at the college, said: "At Brixham College, we are passionate about Science and our community. Our hope is to ignite a lifelong love of asking questions about the world we live in and to build on the enthusiasm young people have to learn more about the universe.



MENTAL HEALTH AMBASSADORS GET TO WORK



Nine ambitious and community minded six formers have shown outstanding leadership skills by completing training to become Mental Health Ambassadors. The course, run by the NHS Mental Health Support Team, has equipped the role models with the tools to lead activities and be advocates for the positive wellbeing of students in Key Stage Three.

Ambassadors Millie Bickford, Jasmine Bradshaw, William Allenbrook, Alisha Distin, Tia Pittuck, Isobel Bowden, Alicia Sayles, Esther Bevins and Chantele Goodall are a welcome addition to Student Wellbeing Services and have set up a Wellbeing club using their unique insight and undeniable enthusiasm.

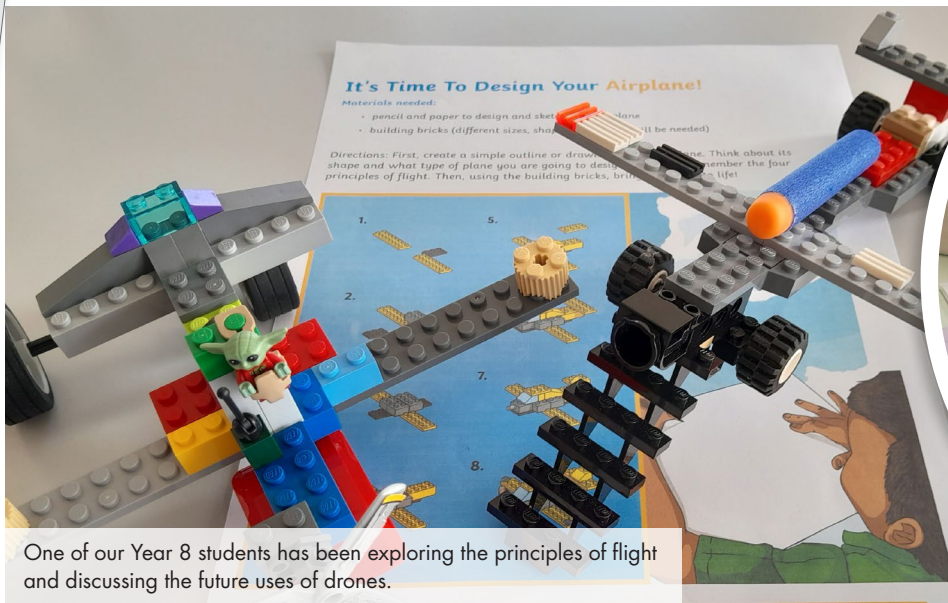
It runs every break 2, covers a range of wellbeing activities, and gives students another quiet and calm space which has proved popular, particularly with Year 7 and 8 students.

Pop into M7 during break 2 to find out more or have a chat with an MHA and let them know how they can provide further support.



Passionate about science, community and wellbeing

A CREATIVE APPROACH TO LEARNING: **MAKER ARTS**



One of our Year 8 students has been exploring the principles of flight and discussing the future uses of drones.



Image above: One of our Year 10 students has been using art as a way to explore employability skills and improve communication.

As an inclusive school we have introduced a new provision to support positive behaviours, encourage aspirations and facilitate well-being. Led by Sue Parsons, the six-week learning experience enables

students to explore mindfulness, develop confidence and gain new skills and talents.

Four Brixham College students have engaged in the Maker Arts programme so far.

MUSIC STUDENTS **BENEFIT FROM BOURNEMOUTH SYMPHONY ORCHESTRA SESSION**

Year 10 BTEC pupils were given the opportunity to meet the Bournemouth Symphony Orchestra and hear them play. The event enabled them to explore orchestral music and appreciate the range of instruments available for them to compose for.

They visited Coombeshead Academy in Newton Abbot for the session, along with some other schools in the area, which was organised by the Devon and Torbay Music Education Hub.

Mr. Hardman, Deputy Faculty Leader for Creative Media, said it's important for the students to understand different types of music.

He said: "The orchestra performed a series of pieces of music from across the ages. This included a piece from a contemporary video game called 'Little Orpheus' which will support students in their BTEC assignment, where many of them have chosen to study video game music.

"Presented by musician and composer Patrick Bailey, the concert included tips on how to get started with a composition and also an insight into how the Bournemouth Symphony Orchestra works.

"This visit links well with their assignment and furthers their understanding of how an orchestra works as a business within the industry. It was great to see our students getting involved with answering some of the questions confidently, using musical language."



A RECORD BREAKING FUNDRAISING EFFORT

On Friday, 17th March, Brixham College Sixth Form embarked on a "Step Aerobics Challenge" in order to raise money for Comic Relief during Red Nose Day 2023. At 8:40am, the students began "stepping" along to original 90s Step Aerobics fitness videos. There was always at least one student participating at all times, including the likes of Luke and Sam in Year 12 who kept coming back to do more! The students successfully made it to the bell at 3pm, having raised a Sixth Form record amount of £410! Congratulations to all involved!



YEAR 7 & 8 STUDENTS CELEBRATED THE END OF TERM IN STYLE!

Students from Years 7 & 8 celebrated their hard work and achievements in a week packed full of fun activities. In total, 163 students enjoyed a trip out of school to a local venue to recognise all their efforts this year.

China Blue, Totnes: 30 students spent a couple of hours painting, and chose either a small plate or a mug to create some amazing pieces of art for future memories.

Clip n Climb, Exeter: 32 students hit the climbing wall and some amazing skills were demonstrated. Some students even overcame their fear of heights, which was a real result for them. After an hour of climbing all the group headed to the café for a well-deserved cool drink and time to relax.

Vue Cinema, Paignton: 67 students made the short journey to Vue cinema in Paignton to watch Ant-man and the Wasp. Our very own personal screening of the Marvel movie was a real treat for the group and a wonderful way to spend a couple of hours after a long term.

Our final trip of the week was a short walk over the road to the Admiral swimming pool. 34 students came along for an hour's swim. Rafts, balls, basketball rings and woggles were all in use to entertain the students and all of them thoroughly enjoyed their time in the water.



"All students who attended the trips were a real credit to Brixham College and I would like to thank them all. We can now start to plan our end of year trips to celebrate continued student effort and achievement," said Mr Birchall.

HOW BRIXHAM STUDENTS CELEBRATED BRITISH SCIENCE WEEK

GCSE science live trip: A group of Year 10 and 11 triple scientists got the chance to see and hear five of Britain's top scientists working at the cutting edge of their specialisms.

A family, safe cracking event with a 'connections' theme: The return of this event provided a brilliant opportunity for our Year 7 – 9 students to share their passion for science with their families, have fun and problem solve. Around 50 teams completed six different experiments/activities, each of which generated a number to form a combination for a safe. They also had to solve a cipher to find the safe's location. The winning team cracked the code in just 25 minutes. There was plenty of time for them to celebrate their victory by enjoying a welcome cup of tea and cake served by Brixham Interact.

Building a model cell competition: The Year 7 student winners were Megan D'ath, Sophie Kisorbo and Alex Miles.

Forensic science lessons for Years 7-9: These included fingerprinting and trace analysis of hair, fibre and powders.



WORLD BOOK DAY

We celebrated 'World Book Day' as a college in March. As part of the day, students and staff dressed up as a favourite character from a book and prizes were awarded for the best dressed staff and students. Dr Sweet looked fantastic as 'Gangster Granny'!

In their English lessons, students also were invited to take part in the TSAT wide competition looking for our best writers. As an English team, we were overwhelmed by the number of entries and the amazing quality of the stories we read along with some excellent images. After a long deliberation, our winners were: 1st Place – Leo Strange (Year 11), 2nd Place - Tehya Puksa (Year 9) and 3rd Place – Henry Bowles (Year 8).

Congratulations to these students and a big well done to all those who entered the competition! Thank you to all the students and staff who joined in with our activities and helped us celebrate reading.



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Bus timetables: Please see website for further details