



Weekly Update

Extra-curricular activities during week commencing 22 May 2017

Monday

KS4 Fitness
Classics Club
Philosophy Club

Tuesday

Latin GCSE Year 2
Boys Cricket (Years 7&8)
Girls Rounders (Years 7&8)
Textiles: Year 10 Open Workshop
Italian Club
Science Club
Flying Start Challenge
Year 10 Young Enterprise
Art Club
Photography Club (Year 12)
Music Tech/Production Club

Wednesday

Latin GCSE Year 1
Athletics
Orchestra
Folk Band
Outdoor Club
Warhammer School Alliance
Commercial Dance
Shakespeare Production
French Film Club
Year 12 Young Enterprise

Thursday

Boys Cricket (Years 9&10)
Girls Rounders
Street and Hiphop Dance
Jazz Band
Junior Jazz Band
Doc-Soc
Textiles Club (KS3)
Programming Club
Book Club
Maths Challenge Mentoring
LGBTQ+ Club

Friday

Sports Academy

Words from the Headteacher

Back in March, a number of our students travelled to Figueres in Catalonia to stay with host families as a part of our first student exchange. Last week, it was our turn to welcome our Spanish partners to school and into our family homes. During the week, they experienced our curriculum, classes and some of the things that make Bristol such a super place to live. Well done to students and staff for their roles in ensuring it was such a success and extending the hand of friendship and community to our fellow Europeans in these ever-changing times.



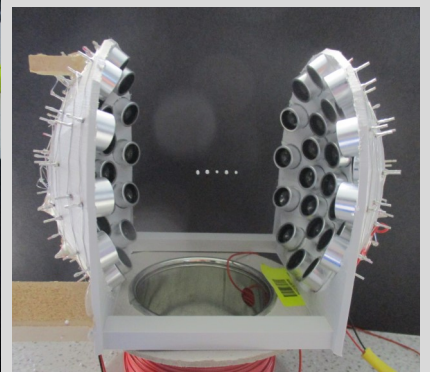
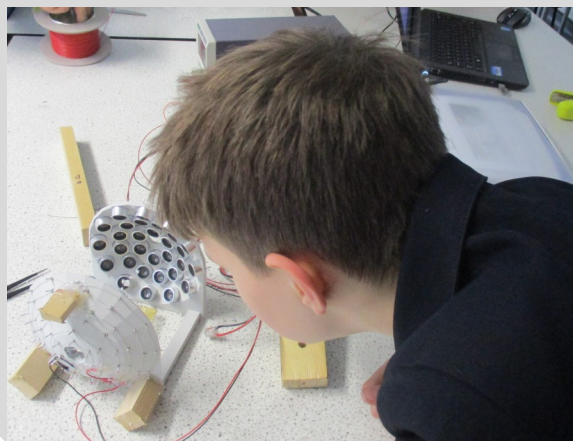
Single Lunch

From Term 6 we are making minor changes to the shape of the school day. This will involve a single lunch sitting instead of a split lunch. It is a much more straightforward and cleaner way of doing things. There are some limitations; we know space is at a premium and queues can form on Chips Fridays, but the subtle changes we have made have already sped up the process. It is a pilot arrangement, prior to the full launch in September and I welcome feedback on the process.

Tractor Beams

Our Science department do some strange and wondrous things. I went along to see the extra-curricular club with Bristol University this week and in the end felt a bit overwhelmed by what I was seeing and had to leave the room. It made my brain hurt. Asier Marzo, a researcher, brought in [his 3D printed sonic tractor beam](#). It can levitate small plastics, a fly and small biological samples. You can make one at home if you wish. The device modulates a simple wave using a metamaterial (a piece of matter with lots of tubes of different lengths). When the sound passes through it creates a tractor beam. It's a step up from the old ping pong ball on a hairdryer trick. BFS have been provided with a kit to make our own, and Science Club will provide a full report over the coming weeks.

Paul Jones



Your Green Future

This Wednesday, the STEM Day winning team went to U.W.E to participate in a day of Science and Engineering workshops, all with an environmentally conscious spin.

Teams had to design products for the future and present to industry experts, choose how to spend potential government money on future green projects, as well as come up with solutions to current environmental problems.

We ended with a careers fair from employers including Land Rover, Jaguar, Lush Cosmetics, Westonbirt

Arboretum and an electricity firm who use pedal power to provide electricity for discos! BFS students were complimented on their enthusiasm and creativity, as well as their stamina and commitment to powering the music and disco lights!



Key dates for next week	
Please see the calendar at www.bristolfreeschool.org.uk for other important dates	
Monday 22 May 2017	GCSE; English Literature (AM) GCSE; Geography (PM) Sports Leaders at Westbury on Trym Academy Sports Day BFS All Stars Reward Trip
Tuesday 23 May 2017	GCSE; Chinese (AM) GCSE; Latin (AM) Year 10 Drama Exam Rehearsals Sports Leaders at Westbury on Trym Academy Sports Day U12 Boys Cricket vs Clifton High—home at Coombe Dingle Y7-10 Girls Rounders vs Oasis Brightstowe—away Music Tour to Belgium parents information evening—6pm
Wednesday 24 May 2017	A Level; Arabic (PM) AS Level; Mathematics (AM) GCSE; Physics/Science (PM) Y9&10 Boys Cricket vs Redland Green, - away
Thursday 25 May 2017	GCSE; Mathematics (AM) GCSE; Latin (PM) HPV Vaccinations mop up Y9&10 Summer Sevens Rugby Festival at St Bart’s Rugby Club Y7-10 Girls Rounders vs St Bede’s—away
Friday 26 May 2017	GCSE; English Literature (AM) Eating for Learning—6pm, LRC2

Year 10 Exams

The Year 10 internal examinations begin on Wednesday 7 June with the English Language Paper 2. Core subjects will take place under formal examination conditions in the main hall on the dates shown below:

DATE	AM/PM	SUBJECT	UNIT/PAPER	DURATION
Wednesday 7 June	PM	Y10 English Language	Paper 2	2h
Monday 12 June	PM	Y10 English Literature	Paper 1	1h 45m
Tuesday 13 June	PM	Y10 Maths	Paper 1 - Non calculator	1h 30m
Thursday 15 June	AM	Y10 Maths 2		1h 30m
Thursday 22 June	AM	Chemistry		1h 45
	PM	Biology		1h 45
Friday 23 June	PM	Physics		1h 45

Examinations for Foundation subjects will take place during lesson time between Monday 12 June and Friday 23 June. Individual subject teachers will inform students of the specific dates and times. With less than 12 months until formal GCSE examinations start in earnest, these examinations act as an important indicator of progress to date and current attainment. All students should be revising hard and treating these examinations as if they were their actual GCSEs. Preparation now will ease the burden of revision later in Year 11.



Spanish Exchange -by the students

Last March, we travelled to the town of Figueres in Catalonia, Spain, where we stayed with our exchange families and had the best time ever. Last week we were all very excited to reunite with our Spanish partners who came to stay with us this time.

At the weekend we arranged to have a picnic on the Downs to celebrate one of the Spanish students' birthday and we saw it as an opportunity to show them the Suspension Bridge and other landmarks.

The rest of the week consisted of attending school with our Spanish students to show them the daily life whilst also taking part in the lessons. Trips with our teachers included a treasure hunt at Bristol Museum and an orienteering challenge at Blaise Estate.

On Sunday we were all very sad to say goodbye to our new friends but some of us will definitely stay in touch and visit Spain again this Summer.

Jess Poole Lily Barton, Robin Kirk,
Pippa Stephenson and Jacob Fynn.

Follow us on Twitter: @bristol_free
Instagram: @bristol_free_school