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Year 13  
The Editor

As my path through KEVICC shortens, younger Years are set to lay the foundations of their own innovations thanks to a revolutionary computer system being offered to the school. Under the historical luminescence of Charles Babbage, the pioneer of modern computer science whose youth was spent in Totnes, Year 7 and 8 students can learn how to create their own computer programming in a similarly enlightening fashion.

One especially electrifying story this month involves the inspirational participation of KEVICC teachers, proposing to complete the London Marathon in support of Whizz-kidz. The children's charity invests funding into the futures of physically disabled children with mobility equipment and other vital services such as tutored life-skills sessions. These highlights stand only as a mere portion of the platitude of events taking place with the realms of the College, a ceaseless flame of achievement. Your face to the Sun keep always, And shadow shall not shroud your gaze – the heads of KEVICC students gaze forever skywards.



## Raspberry pi to you

Students at KEVICC are following in the footsteps of computer pioneer alumnus Charles Babbage with the help of a credit card sized computer called the raspberry pi. The diminutive, British-made £25 computer was designed specifically to solve the crisis in computing education; as young students lack a fundamental understanding of computers, and are trapped as users, rather than creators of code. Years 7 & 8 are given the opportunity to learn programming and computing with the raspberry pi through the College's 'Challenge Pathways' scheme. This allows students to pick from a range of courses, many of which would not otherwise fit in a standard timetable. Students will learn the PYTHON programming language; use linux command line; create code that controls outputs such as motors and lights or uses inputs such as motion sensors, and much more. The use of the raspberry pi is set to spread to other subjects including Computing, DT and Mathematics.

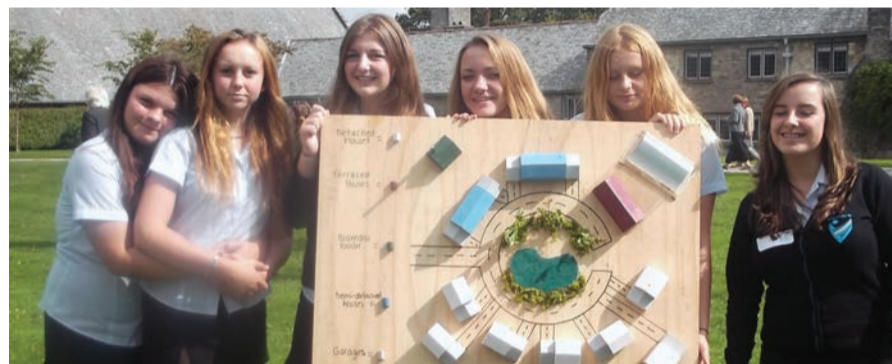
# Looking to the Community



## Don't let Devon go to waste . . .

Our well-informed and determined Eco Council students want to raise awareness of waste within the College and improve our percentage of waste recycled, so they invited Melissa Harvey of waste educators Resources Futures to make a return visit to the College. Melissa helped with a waste audit last year which revealed that only a small percentage of waste is recycled each day; something that the College wants to improve. Melissa is helping the students plan a series of talks about waste that they are going to give in Assemblies for years 7 - 11 in the next few weeks. Amy Allen and Rowan Roblyn, year 11 students on the Council, said: We want to tell other students who we are; what we believe can be achieved; what we've done so far and what ideas we've got about what we can do next. We, with help from our very supportive College staff, want to provide separator bins for recycling and waste outside our canteens and we have information from South Hams District Council about these. We want to encourage all students and staff to use them and we would like biodegradable cutlery and polystyrene used if possible. Our aim is to make everyone aware that whatever they do in the way of recycling WILL make a difference, however small and insignificant it may seem in isolation. It really does all add up!

## Down to Business



l to r: Victoria Billis, Amelia Edwards, Katie Smaldon, Shania Maclening, Ruby Richard- Burns, Jasmine Huxter

### Property Challenge Finals

The KEVICC team called 'Homes 4 U' came first in the Property Challenge Finals! The team made a 3D model of their property development which the judges said was the most impressive presentation they had seen. The Property Challenge was an enterprise activity offered to all Year 9 students within the 'Entrepreneurship Pilot' and was part of the Careers programme. The KEVICC team presented their 'Property Development' to Devon and Cornwall Business Council and guest businesses from the South West. With film crews present, the event was quite pressured but the students were an absolute credit to KEVICC.

'Homes 4U' students commented on the day:

*Today has been very useful . . . and it has given us a taste of what being in business is like.*

*We are very grateful to Cavanna Homes who have offered each of us a site visit and a week of work experience – thank you to everyone involved.*

Produced by the Press Team



l to r: Heather Norman-Soderlind, Kate Mason (former principal) & Jordan Axford

## Students who give . . .

Years 7 and 8 were delighted to make a substantial donation to their chosen charity Rowcroft Hospice. Heather Norman-Soderlind, Rowcroft Community Fundraising Manager, came to an Achievement Assembly to receive a cheque for almost £500 from student Jordan Axford. Tutor groups organised fund-raising over several months with a variety of innovative ideas, such as :

- writing to local attractions asking for donations as prizes for a raffle - the response was brilliant, including tickets to the Zoo, the Aquarium and Cats, the musical
- 'bag yourself a teacher's helper' where students were auctioned off to the highest bidder
- sponsored trees and tree guardians, inviting people to give money to secure not just a tree sapling but also a guardian to plant and care for the tree for the next five years
- elderflowers were made into cordial by the Catering staff and sold on a stall at Sports Day
- cake and plant sale - with cakes made by students
- sponsored swim.



## Our teachers are Whizz-kidz!

Four teachers are limbering up for the new academic year by setting themselves the challenge of running the London Marathon, raising money for the Children's charity, Whizz-kidz.

The Charity provides opportunities for disabled children and young people to have the freedom to enjoy an active childhood. They provide customised mobility equipment, wheelchair training, advice and life skills – giving children the independence to be kids.

Sarah McGinnis, Vice Principal at the College says: 'Not only is it a huge personal challenge but we are very much looking forward to organising events and involving students in leadership roles for some of the activities, as well as making links between the students at KEVICC and the children receiving the support.'

Should you wish to support the team, visit their Just Giving page on the College website or come along to one of their events, beginning with a charity Car Boot Sale on the 19 October in the KEVICC car park.



**KING EDWARD VI COMMUNITY COLLEGE**

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