

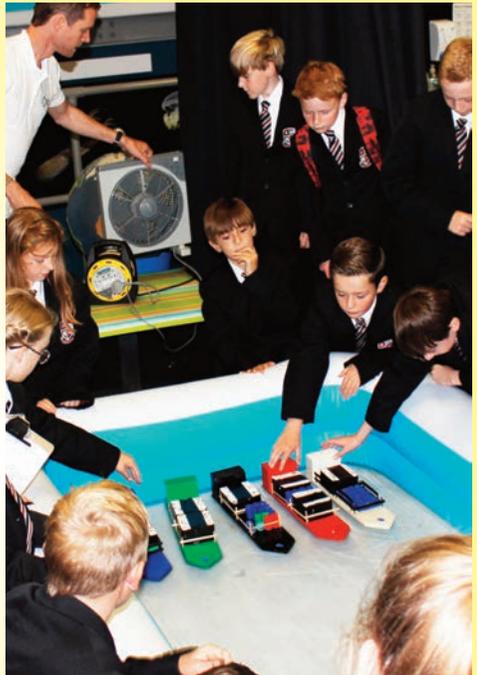
THE REDRUTH SCHOOL NEWSLETTER

Issue 167 9th October 2015



STEMfest South West

Over the course of 2 days one hundred gifted and talented Year 6 pupils from local primary schools and Year 7 students from Redruth School attended an exciting range of workshops and demonstrations at STEMfest held at Plymouth Aquarium. As part of both the transition and gifted and talented programmes these days allowed students to get hands on with a range of technical challenges which included making a hydrophone to communicate under water and making a bazooka to send secret messages. Students had to consider how to invest in produce, load it onto ships, sail the oceans and then trade in foreign markets whilst ensuring a healthy profit margin. Students



also considered the ecology of the sea, looking at the wild and wonderful life that exists in and around our coast and other exotic places around the world. They learnt new things and developed their thinking and problem solving skills.

(Continued from front page)The festival was held to promote an interest in Science, Technology, Engineering and Maths (STEM) and was supported by companies such as Babcock Engineering, whose employees were able to impart some of their enthusiasm for why a career in STEM is so rewarding. It allowed students to gain an insight into just a few of the careers that studying STEM subjects can lead to. The day culminated in an exciting talk about how STEM can be used to overcome the extremes in weather that we face in the future – this included the creation of its very own super storm cell in front of the main tank of the aquarium. The days for both the Year 6 and Year 7 students followed a similar pattern, but with even more extension for the Year 7 students. At the end of the day everyone had a fantastic time.



Maths Super Saturday

Pupils from local primary schools joined Redruth School on 3rd October, to take part in a group logic competition. Working in teams the pupils chose logic puzzles worth differing points, then had to solve the puzzle to collect the points - the team with most points being victorious!

After a slight break, the students went off to solve a mathematical treasure hunt where the maths was revealed from the school environment. Their answers went on to create a code allowing them to open the coded padlock on the treasure chest and receive their treasure! A challenging and exciting mathematical adventure was had by all!



Year 6 Super Saturday ICT

17th October 9am - 12

Please ring 01209 203700 to reserve your child's place.

REAL and The Story Republic

Year 7 students gained some unusual inspiration in their REAL lessons last week. Each tutor group was visited by The Story Republic – a group of performers who specialised in presenting writing about Cornwall or work written by Cornish writers and poets. The students were treated to some very engaging presentations of work by writers such as Charles Causley and Anna Marie Murphy, with the aim of inspiring students in the creation of their own written work. The students' writing is being created for a series of books about "Why We Love Cornwall", which they will publish in time for Christmas. Students thoroughly enjoyed the presentations and, as well as helping them to get creative with the written word, it also gave students ideas about how they could do some very dynamic and engaging readings of their work at their book launch event on December 8th.



**REDRUTH
6TH FORM**

Join us at our



OPEN EVENING

4 November – 5.30 pm until 8.30 pm

- 100% of all university applicants offered a place
- 95% pass rate for most subjects
- Significant enrichment opportunities including international travel
- Excellent student/teacher working relationships and small class sizes
- A wide range of sporting opportunities and work experience available to all students

"Effective... highly successful... The Sixth Form is good." Ofsted 2015