

THE REDRUTH SCHOOL NEWSLETTER

Issue 211 31st March 2017



London Trip

Thirty five Redruth School students and staff attended the Science London Trip. After a long journey to get to the capital the students were treated to a spin on the London Eye as the sun set over the London skyline. Iconic sights such as Parliament, London Bridge, The Gherkin, The Cheesegrater, Canary Warf, the top secret MI6 building (clearly labelled) and many others could be seen. Tea at the Rainforest Café followed and then it was back to the hotel for a good night's rest. The following day took in the Science Museum, as well as a large nod to Cornish mining heritage with a full scale



model of a steam engine pump. There was the actual capsule that Tim Peake returned to earth in after his time on the ISS. Students were also able to look around a fascinating collection of robots: from the earliest simple robots to robots in films /TV (such as the Cybermen) to modern robots, such as ASIMO, that can run, climb stairs and hold intelligent conversation.

Students then watched a show in London's West End. The Lion King certainly lived up to expectation with some brilliant singing and dancing performances, as well as comedy moments from Timon, Pumba and Zazu. (continued on back page)

University of Exeter

As part of British Science week Year 9 and 10 students from Redruth School have taken part in a number of workshops at the



University of Exeter, Penryn Campus. The first workshop was "Women in Science" and gave Year 10 girls an opportunity to think about the different science based careers including geology and psychology.

Last Wednesday, Year 9 students attended a sustainability and environment day. Here they looked at the environmental impact of humans on the world and calculated emissions from various activities.

On the same day a team from the university visited the school and brought with them some exotic friends.

These included hissing cockroaches and giant African landsnails. Students were able to



get up close and touchy feely with these visitors (if they wanted to!)

On the following day another group of Year 9 students attended a STEAM

(Science, Technology, Engineering, Art and Maths) day. They looked at a variety of situations where art and science can link together, including how to make detailed drawings and what a newly discovered planet might look like.



Forensic Science

The first group of Year 5 pupils from Trewirige Junior School have successfully completed their induction as Forensic Scientists. The pupils first learnt how to safely light Bunsen Burners. They were then asked to identify the perpetrator of a most heinous crime - a stolen chocolate bar. By carrying out flame tests the trainee forensic



scientists were able to narrow down the list of suspects. Further tests revealed the identity of the master criminal and they were banged to rights!

Diary Dates April

Easter Holidays
3rd - 17th April

Parents' Evenings

4pm - 7pm
Year 12/13 - 19th April
Year 11 - 20th April

Super Saturday

Last Saturday saw 60 Year 5 pupils attend their first Super Saturday at Redruth School in the Science Department. The morning started with a lesson on Bunsen Burners and how we can use them in a Science Lab. The pupils then went on to make a range of lovely smelling products - ideal gifts for Mothers Day!!! The pupils made flavoured lip balms, scented candles and coloured and scented soaps.

The day was wrapped up with an explosive display of chemistry including woosh bottles,



exploding icing sugar, flashes and of course... screaming jelly babies.



Exams



Please be aware that digital watches and



iwatches are not permitted in exams.

Phones found in the room or with student will result in disqualification

Students please remember:

To arrive early enough to be registered

Wear school uniform

Have correct equipment (2 x black pen, pencil, ruler, eraser, mathematical equipment and colouring pencils if doing DT subjects) in a clear bag.

Place mobile phones and any other technical devices (ipod, MP3 player etc) into bags turned off.

Also, students and parents please be aware that some exams will finish later than

2.50 pm and therefore students will have to make alternative arrangements if they take the school bus home.

In the event of illness:

Please contact the school asap - depending on the nature of illness, alternative arrangements may be made - sometimes a doctor's note is necessary - failure to attend an exam without a valid reason/medical note will render parents/carers liable for the exam fees.

London Science Trip

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The final day started in the Dinosaur exhibition of the Natural History Museum, where animatronics mix with real specimens from a bygone age. There were animals such as the Dodo, as well as a great interactive display about the human body. As always the students were a credit to the school and a number of people from the tour guide, to staff in the restaurants and park staff commented on what a great bunch of considerate students they were.