

# The Bridge

Celebrating  
our Ofsted  
Success!

Easter 2014

Dear Parents and Carers.

As always it gives me enormous pleasure to highlight the recent achievements of our students and staff. So many exciting things have been happening and I am always indebted to our wonderful staff who give so much, so willingly for our students. Our staff really do give up so many weekends and evenings and their conversations always centre around increasing the opportunities for our students to succeed.



# Ofsted Celebrations!



It is without a doubt our atmosphere of high expectation, personalised targets, razor sharp interventions together with limitless opportunities and most importantly fun in education that has created our success here. So please sit back and enjoy our latest newsletter with all the wonderful events that have been happening and I look forward to seeing you all soon!

With very best wishes,  
Mark Pinchin



# Leaving St. Luke's

Joan Fry, Mr Pinchin's PA retired this month. Though we are sorry to see her go we held a 'Fruit and Fizz' reception to wish her **HAPPY RETIREMENT!**



Joan wrote.....

"St. Luke's has been such a big part of my life for the last 23 years (I can't believe it's been so long) and I shall miss all your friendly faces, the conversations we've had and the laughs we've shared. And of course I shall miss the children who, I'm sure you'll agree, are the most important people here!"

Thank you so much for the amazing card which I shall treasure. Thank you so much for contributing to the very generous gift which is a garden centre gift token. I'm looking forward to spending it on lovely things for my garden (which quite honestly needs a bit of attention).



College Governor Mrs Raybould Gooding made a special cake for Joan with a Gardening theme!



**Happy Retirement Joan  
we will miss you!**

# WORLD BOOK DAY

6 MARCH 2014

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Our visiting author was Chris D'Lacey – author of the Last Dragon Chronicles. There are 7 titles in that series and his latest book is out in August this year. Years 7 and 8 enjoyed his talk.



## The Last Dragon Chronicles

Year 7 were off timetable for the day in English carrying out dragon themed literary activities. Thank you to all of the English department who were joined for the day by Mr Hamer, Mr Payne, Miss Christopher, Miss Knighton, Mrs Geeson and Mrs Shepherd.

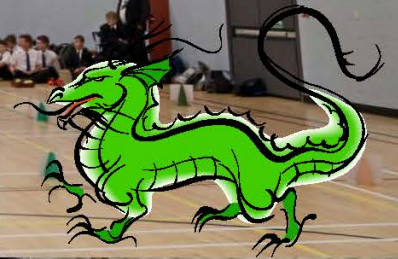




As part of the inter-house competition Years 7 and 8 took part in a dragon themed obstacle course in the sports hall.

# WORLD BOOK DAY

6 MARCH 2014



**Thank you to Miss Skinner for organising the Dragon obstacle course for World Book Day**

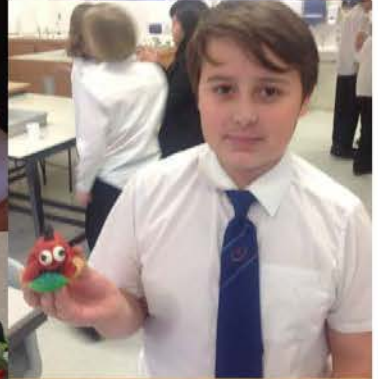


WORLD  
**BOOK**  
**DAY**

6 MARCH 2014



**Year 7 decorated wonderful dragon biscuits in DT with Mr Smith.**





In the Library at lunch time, the students were able to talk with the author and exchange their book tokens for the free World Book Day titles.

We also held a non-uniform day in support of Book Aid International which buys books for libraries in sub Saharan Africa.



Grace Reeves  
2<sup>nd</sup> prize  
£7.50 book



Lauren Butt  
1<sup>st</sup> prize  
£10 book token



Martha Coughlan  
3<sup>rd</sup> prize  
£5 book token



Runners up  
Zoe Bassett and Chloe Street  
Harry Hayes  
Easter eggs



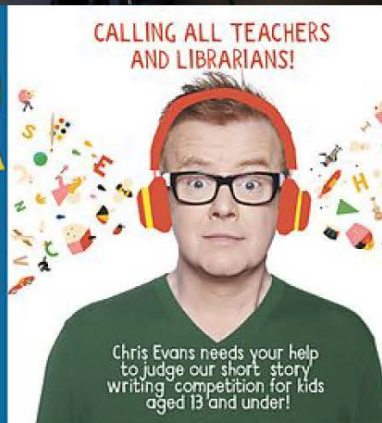
The Peter Pan themed Brunel Team  
but Where's Wally!



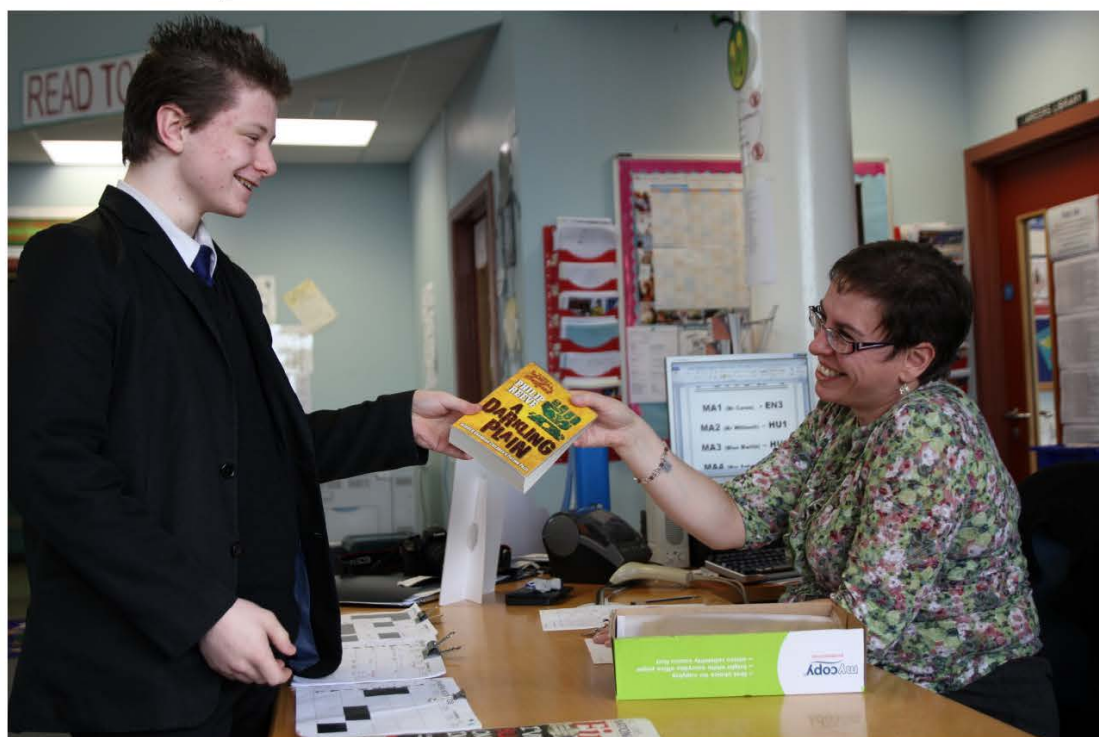
# S T A F F P R O F I L E

I have been working at St. Luke's for over 13 years and for 10 of them as the Library Manager. I work three days per week managing the Library and co-ordinating health and safety across the college.

I am in the process of completing a diploma in libraries, archives and information services and I have also been selected as a judge for the Chris Evans Breakfast Show 500 words competition for the 2<sup>nd</sup> year running.

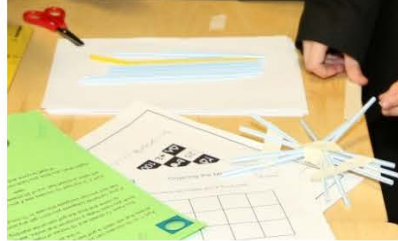


On my days off my daughter Georgia and I go out for lunch and to the cinema together. I read a lot and love to cook. My husband, Mr Hamer, and I try and get away to watch Formula 1 and Rugby matches when we get the chance.



# Numeracy Week

Monday March 10<sup>th</sup> saw the start of the first ever Numeracy Week for year 7 and year 8 at St Luke's.



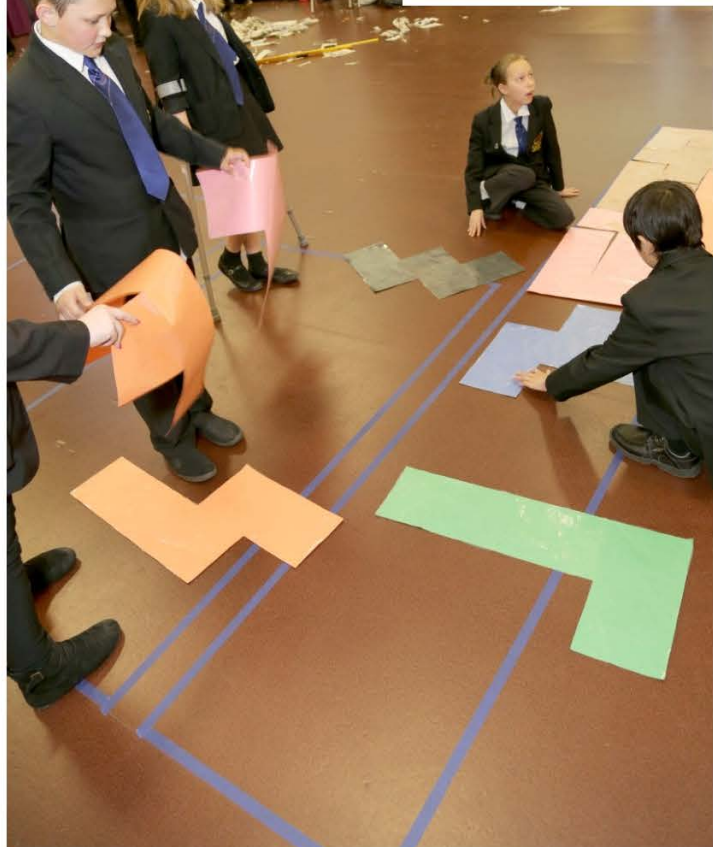
The week was kick started by a talk from Professor McMullen on the mathematics of code breaking. The theme of code breaking was continued in maths lessons all that week, with the students creating and writing their own secret codes and messages. The week culminated in a 'Murder in the Maths Department Mystery' which required the pupils to solve the coded clues in order to find the 'Murderer', which turned out to be our very own Miss Martin! The pupils also had to use their newly acquired code breaking skills and cipher cards across the school as other subjects coded their lesson objectives for them to attempt to break at the start of each lesson. The feedback from staff and students alike has been very positive, with some students asking if they can have all their lessons in code from now on!!



On Wednesday March 12<sup>th</sup> it was World Maths Day and to celebrate we had all of year 8 in the hall taking part in a carousel of 19 different logic and numeracy activities.



The activities included giant floor pentominoes, build a marble run, the leap frog challenge and the ever popular spaghetti and marshmallow tower challenge (not sure the cleaners were so keen on this one!).



As you can see from the pictures all the students were engaged and having a wonderful time, all the staff that supported throughout the week commented on how much they enjoyed being part of the different challenges as well.

The activities encouraged some excellent team work and everyone's competitive side came out, especially Miss Goddard in English who got very involved in the 'how many people fit in a metre cube' challenge!!



The week was rounded off by a talk to year 8 from Garrod Musto on careers in maths and where maths can take you in the future. Hopefully expanding pupils' ideas on where they might go in the future and the type of options they might consider in year 9.

Friday was world pi day and this was celebrated with the whole of year 7 being in the hall taking part in some similar activities to the year 8 day, with some extra kinaesthetic tasks so that all pupils could be included. There was a lot of fun had by all throughout the week and many prizes were won; one group winning best teamwork in both years and prizes were given to first, second and third place.

Overall it was an engaging, creative and successful week that has raised the profile of numeracy across the college, enthused pupils and staff and encouraged pupils to see maths as more than just numbers!

Miss Daniels  
Numeracy Co-ordinator



# STEM



Science • Technology • Engineering • Math



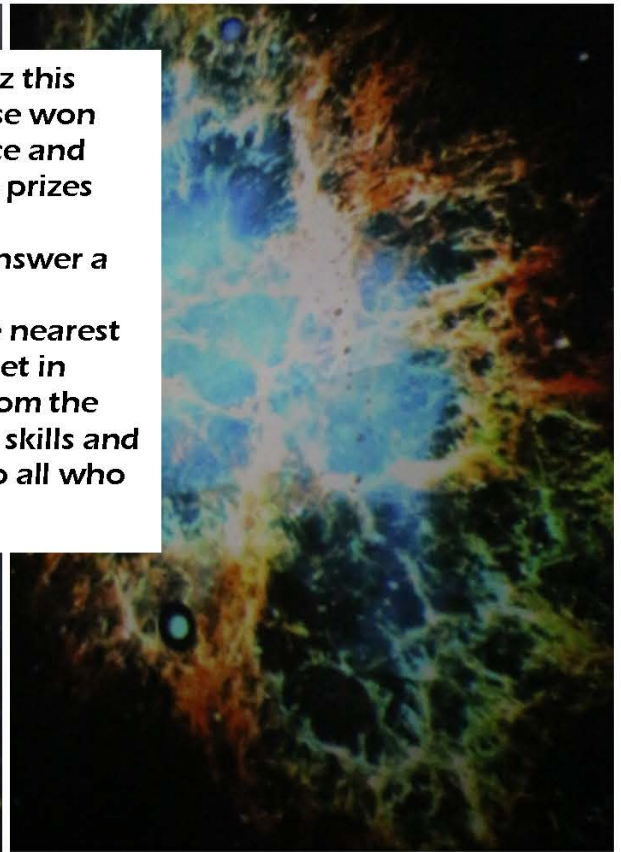
Bristol



**30 of our top scientists enjoyed a fun day at @Bristol on Saturday 15<sup>th</sup> March to celebrate the start of STEM week. They visited the planetarium and had lots of time to explore all of the hands on activities on offer.**

**All tutor groups took part in the STEM week tutor quiz this year and it was a very close competition. Galileo house won overall, with Darwin and Franklin in joint second place and Rutherford only 2 points behind. The top tutor group prizes went to F2, R5 and D7.**

**G1, G3 and G5 all scored the same points so had to answer a tie breaker question to get their prize. 'What is the circumference of the Earth around the equator to the nearest Km?' G3 showed their initiative by using the data sheet in their school planner to calculate the circumference from the diameter of the Earth along with their brilliant maths skills and came up with an answer only 25Km out. Well done to all who took part.**



**The 'in the year 2114' competition was won by Ellie-May Phillips in Year 8. Her design for a 'transportator' allowed green travel all over the globe using solar power. Her entry has now been sent off to the national schools competition. So we are eagerly waiting to hear how she gets on.**



Every year, a national event takes place to celebrate and raise awareness of the invaluable role that the STEM subjects - Science, Technology Engineering and Maths play in our everyday lives. As part of this year's festivities, St. Luke's took the opportunity to further enthuse our young scientists and introduce them to some of the fascinating careers a STEM education can open up.

# STEM



Science • Technology • Engineering • Math



Nathan Mayne

Throughout the week, a spectrum of speakers from a wide range of professions delivered enthralling and inspirational talks to classes from all year groups. From Nathan Mayne, an astrophysicist from Exeter University, Emily Bells PhD research into societal behaviour in insects, Dr. Peter Vukusic exploration of light and colour and a insight into what is being done to protect our coastlines from Richard Edmonds, there really was something to inspire every one.



Emily Bells

The week was concluded in great style with a visit from, Simon Watt, presenter of TV's 'Inside Natures Giants'. For his morning session, Took us on a ghastly whistle stop tour through the history of medicine whilst in character as Dr Death, stopping in on leaches, blood-letting and the Black Death along the way. After a quick costume change, Simon then spent the afternoon with year 11 investigating the genetic instructions inside all of us, resulting in some interesting games of Chinese whispers.



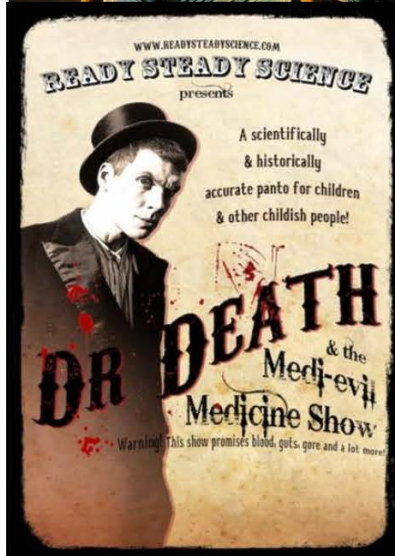
Dr Peter Vukusic

The brain child of Mrs Boyson, the whole week of TED-style talks really enthused all who attended, both staff and students alike, and it's sure to be an event which will be remembered and repeated for years to come.

## SPACE ODYSSEY PLANETARIUM

STEM week also saw the fourth annual visit from the Simon and Space Odyssey Planetarium. With a new super-sized dome, Simon was able to thrill even more students than ever with his all new cutting-edge your through space and time. The show, narrated by Captain Jean-Luc Picard himself inspired our Key Stage 3 pupils whilst perfectly touching on areas of the Key Stage 4 curriculum such as the life cycle of stars.

All the students attending feedback that the shows were fantastic, with Mr Pepperell having to fend off repeated cries of "why can't we get one of those for our school". Better start saving now!



# STEM



Science • Technology • Engineering • Math

## CHARITY PIZZA BAKE!

As part of STEM week a group of year 8 students took part in an exciting enterprise project – making and delivering pizzas to staff for their lunch. The team took responsibility for organising the whole event; working out costing of ingredients, planning the menu and calculating profit margins. All profits went to the cancer charity FORCE. Students displayed excellent entrepreneurial skills with a professional, business manner. The event was a huge success and a great learning opportunity for everyone involved.



Meat Free X 14	Meat Free Gluten Free X 1	Meat Free No Sweetcorn X 1
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**Some of the feedback from the happy customers:**

**"The pizzas were delicious, very professional service"**

**"Several of us thought they were better than Dominos!"**

**"The service was better than in most of the restaurants I have visited recently"**

**"Absolutely brilliant service and excellent food"**



# The Flying Pig's Pizza Service

Morpheus Harries  
Elisabeth Martin  
Marcus McCabe  
Lewis McNamara  
Lauren Butt  
Beth Beresford-Slinn  
Yaman Bader  
Aaron Chudley  
Ruby Macioccu  
Wiktorija Godlewska



Mr Smith  
D&T

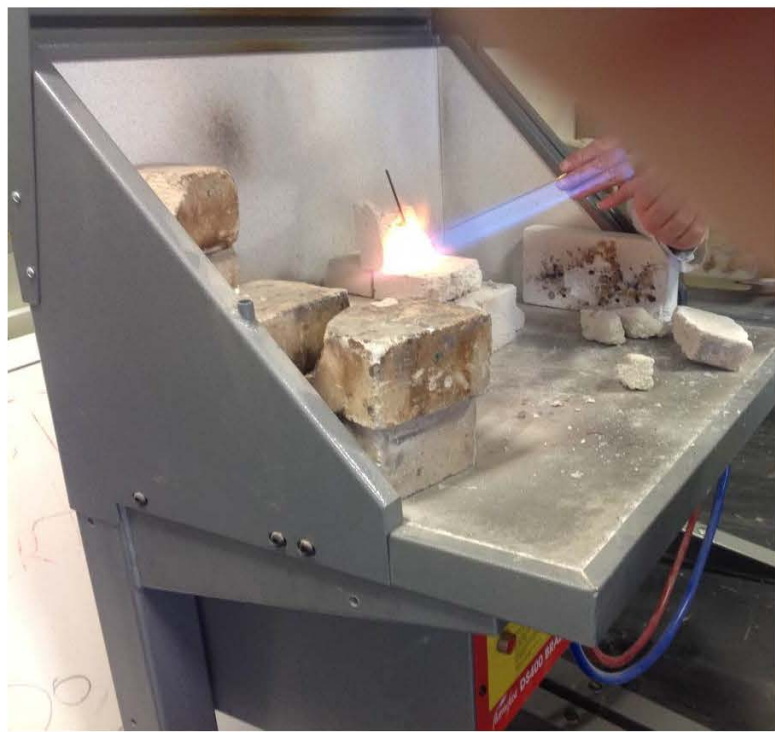
# Design & Technology

## Resistant Materials



Year 7 Resistant Material students having fun in the workshop learning about different timbers, metals and plastics. Students have been developing their skills producing a range of key fobs and trinket boxes!





**Year 9 students showing off their picture frames made using acrylic formed using the line bender! Their next project is a metal figure where students shape and braze steel to produce a small figure...watch this space for the completed work!**





# Cooking Skills



**Delicious Mains!**  
Year 10 Cooking skills have been practicing for their assessment where they will prepare and cook a two course meal.





They also took part in a baking competition each student producing their own delicious cake. Paul Rickard was the winner chosen by Mrs Whalley for his yummy vanilla and coconut sponge!





In Textiles year 9 are recycling fabric to make their own patchwork to create a super soft toy!



We're no mugs! Year 10 Product Design students showing off their mug designs which they printed themselves using the departments new sublimation printer.

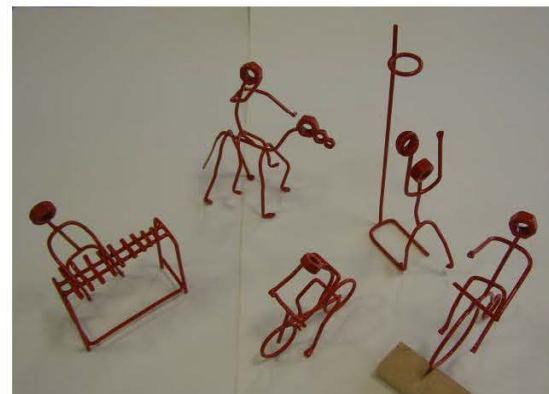
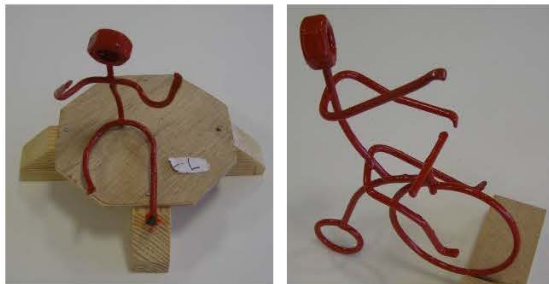
Mrs Dupré



# D&T



## Resistant Materials



# Year 8



# ICT & Computing

## Safer Internet Day@St-Lukes

On February 11<sup>th</sup> 2014, it was Safer Internet Day, with this years' theme of 'Let's create a better internet together.'

Here at St Luke's, we raised awareness of eSafety issues in a variety of ways, including leaflets for all Year 7 and Year 8 students, featuring the SMART rules.

### Top Tips for Internet Safety

If your child loves to use social networking sites, teach them about protecting their personal information by thinking about what they are sharing and who they are sharing it with. Show them how to use privacy settings, and how to block and report – and advise them to only accept friend requests from people they know in real life.

Talk to your child about their favourite websites. Starting a conversation on a positive foot can lead nicely into a chat about online safety.

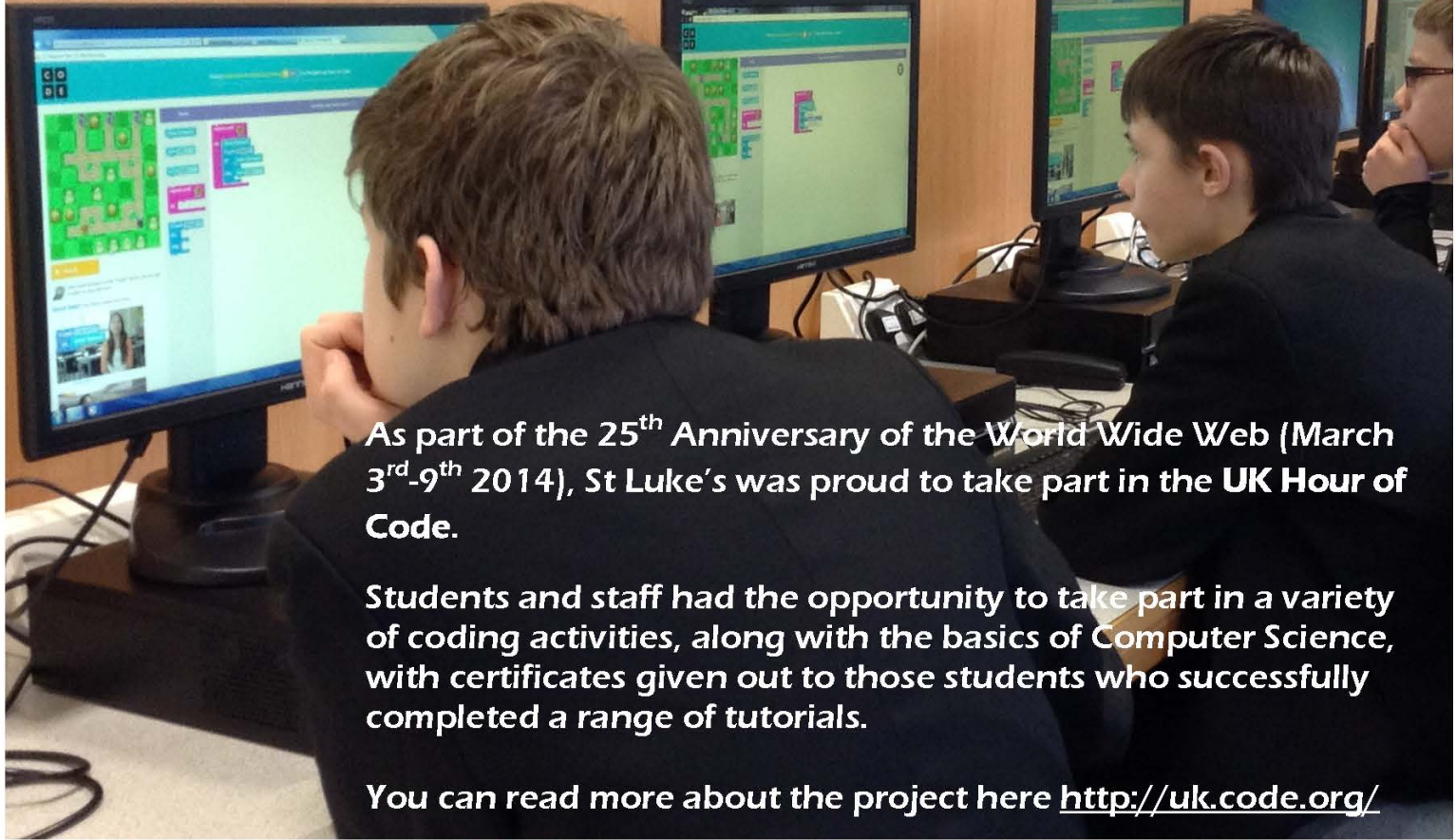
Remind your child that showing respect for others online is just as important as showing it offline. Encourage them to think before they post and encourage them to show positive behaviour online.



There are lots of ways you can advise your child about cyberbullying, if they are worried remind them to save the evidence and to always tell an adult they trust if something upsets them online.

There are ways in which you can help to prevent your child from seeing inappropriate content online. Have you considered parental controls and filtering in your home and also on your children's portable internet enabled devices?

# CODE UK Hour of Code@St-Lukes



As part of the 25<sup>th</sup> Anniversary of the World Wide Web (March 3<sup>rd</sup>-9<sup>th</sup> 2014), St Luke's was proud to take part in the **UK Hour of Code**.

Students and staff had the opportunity to take part in a variety of coding activities, along with the basics of Computer Science, with certificates given out to those students who successfully completed a range of tutorials.

You can read more about the project here <http://uk.code.org/>

## Coding Facts....Who Knew?

Students who learn introductory computer science show improved scores in maths. Computer science will be on the curriculum in England from September, and all students can learn the basics, starting in primary school.

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In the US close to 20 million people tried the Hour of Code the week of December 9th 2013.

In the UK, 1 in 20 of the working population has a job in IT, and the IT specialist workforce is forecast to grow nearly twice as fast as average employment growth.

Yet just 0.4% of all A-levels sat are in Computing and less than 7% of those taking A-level Computing are female.



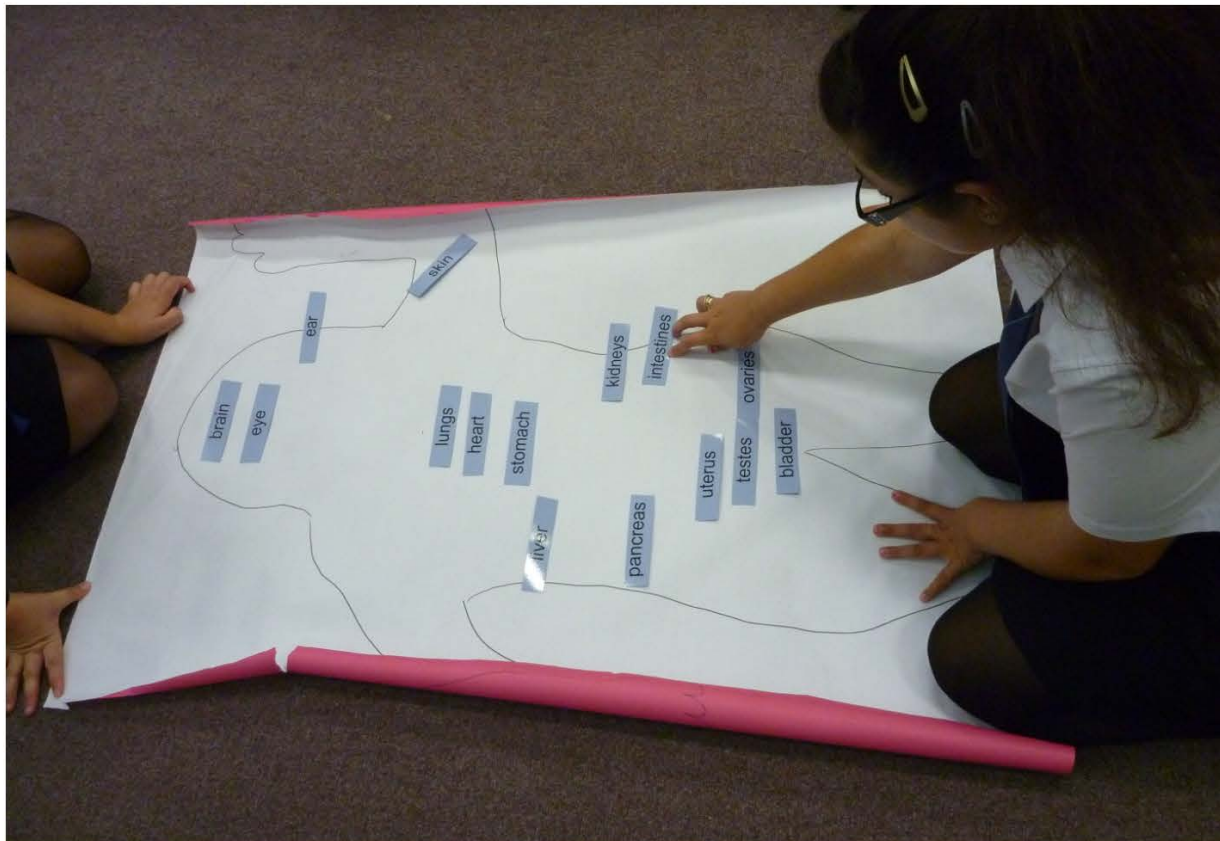
# Btec HSC

This year in BTEC Health and Social Care, we've been looking at Anatomy and Physiology. Throughout the year, we have looked at many different things concerning the body.

We studied the organisation of the human body and the position of all the body's organs. We had to illustrate the structure and function of two of our major body systems.

The two body systems we looked at were the Cardiovascular System and the Respiratory System. During a discussion, we learnt how its structure helps each system carry out its function, and then explained how the systems interrelate to maintain homeostasis. We carried out routine measurements and observations for our chosen body systems for 4 weeks, taking our blood pressure and monitoring our peak flow.

We were able to outline a common malfunction in each of the two body systems. We also had to describe how the presence of a malfunction may affect the routine measurements and observations of each body system. Potential risk factors for each malfunction were also something else we had to research, things such as smoking and having a poor diet are risk factors for both Asthma and a Heart attack.



The final thing was to identify the routine care given for each malfunction and describe this care and explain how the care given affects the body systems.



Rock Solid was a charity race to raise money for Restore which works to rehabilitate women after they have been rescued from trafficking.




Mr Upston, Mr Oxer & Miss Talbot

**This photo marks the halfway spot in Rock Solid. By this point we had been up to our chests in mud-literally (!), crawled through tunnels, ponds with barbed wire above them and still had to come, a skip filled with ice, a 14ft dive into an ice-cold lake and countless 6-10ft walls to climb over! However despite this it was absolutely fantastic! Our team worked together seamlessly to get everyone through the obstacles quickly and smoothly. As we mounted the final hurdle that crossed the finish line I couldn't have been happier – exhausted and ecstatic at the same time! Nevertheless, despite having a shower and a bath when I got home I still found mud in my ears the next day...a great event done with even better people!**

**Miss Talbot**





On the day Ms Talbot and I turned up to hear the glad tidings that the 5km race had now become 7.1km! You can imagine just how glad I was at the prospect of over 2km more of slip-sliding and wading through knee high mud with the odd dash in between. They kindly gave us a warm up and it was at this point that I became truly convinced that I really wasn't up to it and that the likelihood of a heart attack was becoming quite real! However, once we started, our team bounced down the field, took advantage of the first mud pool to cover each other and then really got stuck into the obstacle course proper.

I haven't had so much fun since I was 14! We worked brilliantly as a team, we lost no one along the way (quite easy when as a group of educationalists there was always someone ready to stop and say 'right, have we got everyone?') We finished the race in style and as a result I have restarted my long abandoned practice of trail running. Truth be told it's more of a trail-jog with a bit of walking thrown in at the moment, but it's a start. Next year we are going to do the 10Km! I have a just giving page and I ran in aid of Marie Curie cancer trust, if you are able, please feel free to give!

I was invited to this event by Mr Upston and immediately started to prepare by not attending the running club after school on a Friday on the grounds that at my age I should first seek medical advice before attempting any such event. Unfortunately the soonest appointment I could get was after the event but I stuck to my resolve and continued in my non-attendance. I did however pop into the gym a couple of times a week.



Mr Oxer

A long while ago, in a mad moment 3 intrepid teachers from St Luke's decided to sign up for the Rock Solid Race at Escot (or should I say were press ganged by Mr Upston!). The team of 3 from St Luke's joined a mixed team from across 4 partner schools to form 'Educating Exeter'.

The event is tough! It's a 7.5km muddy obstacle course!

The team stuck together and helped each other both physically and mentally through the muddy, cold water and fiery obstacles to finally climb the hay bales to the finish line, raising lots of money for charity on the way. Everyone truly enjoyed the event and we are already thinking ahead to next year! Anyone free on March 21<sup>st</sup>?

If you would like to donate anything to the charities were we were competing for, there is still time.

Mr Upston



If you would like to make a donation or any more information about this cause please contact [Miss.Talbot@st-lukes.devon.sch.uk](mailto:Miss.Talbot@st-lukes.devon.sch.uk)

# HAPPY SPRING HOLIDAY

from

## PERSONALISED LEARNING



We are near the end of another term in Personalised Learning and are still thrilled with our results from last year's year 11, excellent work and well done to you all!

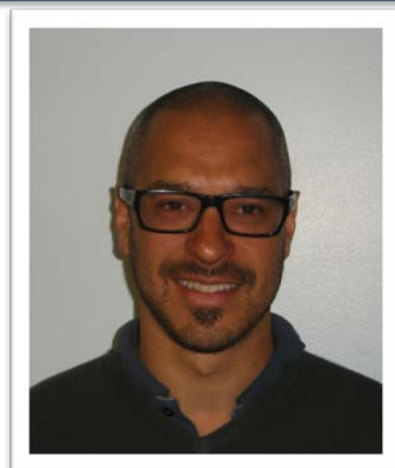
Our Personalised Learning curriculum is aimed at getting the best out of our students so they will feel they have achieved and been recognised for their achievements.

This year we are pleased to be offering two new GCSE qualifications GCSE Leisure and Tourism and GCSE short course Religious Philosophy and Ultimate Questions.

We still have the courses offered last year, NCFE qualifications in Equality and Diversity and Nutrition and Health for some students and will also be offering them as additional qualifications, after the GCSE exams.

## St Luke's and our Mentoring Ethos

There is already an impressive ethos of mentoring established within St Luke's between staff and students, staff and staff, and students with other students. In addition to this, St Luke's is currently piloting a 10 week, Solution Focused (SF) mentoring programme tailored to the individual student with the sole aim of supporting them to be more successful in their lives inside and outside of school.



Our qualified mentor is Mr Hurley who has recently left the Royal Navy after 24 years' service, and prior to leaving the military he underwent extensive mentoring training as part of the Governments "Military to Mentors" training scheme. During the 10 week programme, selected students will focus on activities which reinforce positive behaviour which in turn manifest's itself in the achievement of personal goals.

Further information can be obtained from Mr Hurley (Mr.Hurley@st-lukes.devon.sch.uk).

# HELP! WILDLIFE CHAMPIONS NEED YOU!



Calling all students and their  
parents.

Could you lend a helping hand with  
the wildlife garden over the Easter  
holidays?

## You can!

Then come along on April 16<sup>th</sup> at  
11am (until 3:30pm)  
Snacks and soft drinks provided

Bring a packed lunch and any  
gardening equipment.

## Thanks 😊

Miss Colborne

