

**Blessed Trinity: Languages at Work Day**

Blessed Trinity in Burnley are looking for STEM Ambassadors that also use languages in their work/study.

**Languages at work day – Monday 3rd October 2016 – 8.45am until 3.10pm.**

Refreshments and lunch will be provided.

We are looking to organise the above event. There are 125 pupils that currently study French and Spanish and through this event we would like to demonstrate the benefits of studying languages and the future employment opportunities available.

Ideally we would like volunteers from a wide range of sectors that would be willing to work with a small group of pupils throughout the day. The task will be set by our languages department and the teachers will be available throughout the day to support. The day will conclude with a 'dragons den' style activity to judge the winning group. Ideally we are looking for volunteers that have some French/Spanish knowledge and can talk about the benefits of this within their own employment.

**CTK: Careers Event**

It is that time of year again where Christ the King in Preston is planning their Careers Information and Guidance activities for the next academic year.

CTK have scheduled a careers fair in school in the autumn term and like last year it will run in an afternoon during lesson time for Years 9, 10 and 11 students who will have a time slot to come out of class to visit and obtain information on post 16 options re FE/HE/Apprenticeships/ Traineeships and employment opportunities.

**The date of the event is Monday 14th November 2016 starting at 1.20pm and finishing for 3.20pm.**

Once again I am keen to invite representatives from STEM sector. I would like it to be hands on and as interactive as possible so that students can 'Have a Go'. I understand not everyone will be able provide an interactive session but providing a stand and information and talking to the students is also very valuable for them.

**Science4Society Week : Support Wanted**

Scientists for Global Responsibility's Science4Society Week project is seeking more support to be able to provide science education activities for young people.

The activities focus on the positive contribution that science, design and technology can make to peace, social justice and environmental sustainability.

In order to continue to run the project in 2017 and beyond, we are applying for funding and are seeking to work collaboratively with other like-minded organisations.

We are asking for your help as STEM Ambassadors who have contacts in a wide variety of organisations - many of which will share our values and that would like to contribute to this valuable project and in this way to their own Corporate Social Responsibility agenda. Please contact me if you know of any organisations which are able to support us in one of the following ways:

- Funding – we are looking for organisations to provide grants for Science4Society Week activities
- Sponsorship – organisations can sponsor an aspect of our work, for example our competition
- Partnership – collaboration with an organisation to develop teaching and learning materials and resources

**Saint Michael's Chorley: STEM challenge day**

St Michael's Chorley would like to request STEM Ambassadors for another STEM day here at school . The day scheduled is **Tuesday 27th September 2016.**

This will be a sustainability challenge day and have a variety of STEM challenges for the pupils.

Any help with supporting the students, acting as mentors/judges and making links with school will be appreciated.

**Walton Le Dale: Careers fair**

Walton le Dale are asking for representatives to come to their careers fair in **October (21st).**

The day will commence at **9.00am and finish at 3.00pm.** These are provisional timings .

Please can you let us know if you would like to attend

**St Bede's Lytham Career Post 16 Choices Evening**

On **November 21st 2016** we will be holding our annual Post 16 Choices Evening, which aims to expose our young people to as many future options as possible. In the past you have been kind enough to support this valuable event, and I would be delighted if you could come along again this year.

Last year's event was a great success and the feedback received from parents and pupils was immensely positive. The event will run from 6 to 8 pm and the sports hall will be open from 5 pm. Please let me know if you have any particular requirements in terms of access, tables, power etc.

**Holy Roman Primary Nelson, Maths for girls**

We are a primary school and have identified that girls are falling behind in Maths. As part of our School Development Plan we would like to address this and are currently looking at a variety of options to support girls and boost their confidence with Maths.

We haven't used STEM before but any support/ideas would be greatly appreciated.

**Ks3 STEM club**

I am looking for someone to come in to my science department in Preston to run activities on a regular basis (maybe once or twice a month) 330-430pm. I am open to offers on types of activities but it would be nice if it provided progression through the sessions.

Simple robotics  
Engineering activities  
Coding  
Science projects etc

**You are invited to an Engineering Breakfast Employer Forum at Blackburn College on Friday 9<sup>th</sup> September 2016**

The event will be held at Blackburn College in the University Centre in room **UC117** on **Friday 9<sup>th</sup> September** commencing at **8.00am**.

**Background:**

As part of the robust quality assurance carried out by Lancaster University the current Degree BEng (Hons) programmes that form part of University Centres suite of engineering qualifications are scheduled for revalidation. This process is vital as it ensures that the curriculum aligns to employers requirements and reflects sector trends. Attached to this email are the programme proposals.

Despite a 60% growth in participation in higher education in the UK over the last 10 years, the number of students taking engineering qualifications has remained static; 12,900 in 2004 and 13,700 in 2012. Graduate engineers are required to work in the sectors of key growth i.e. Civil engineering, railway industry, energy sector, telecommunications, aerospace, electronics – including the manufacture of computers and complex control systems of industrial plant and the security industry. The Royal Academy of Engineering states “The best of UK graduate engineers are still world class and industry is generally satisfied with their overall quality, but there are simply not enough of the best. The sector faces a number of skills shortage challenges which are being brought about by an ageing workforce, new product development, pressure to improve performance, environmental concerns and the development of innovation and technology.

**Our Aim:** To explore the proposed curriculum changes as to whether skills gaps are being addressed and whether the proposed programmes reflect current and new sector trends

<b>Time</b>	<b>Item</b>
8.00am	Arrival and Breakfast
8.15am	Welcome by Katrinna MacFarlane Head of School - Health, Science and Technology, University Centre
8.20am-10.00am	Open discussion facilitated by Dr Alexandra Shukie

We really do value your participation and hope that you will be able to join us.

### **'Made it in Lancashire' Project**

We want to promote the wide range of career options and pathways to inspire and encourage people to consider further and higher education, including Higher and Degree Apprenticeships which are of particular importance for Cumbria and Lancashire.

One of the most inspiring and powerful ways to do this is through the stories of local people who have their own learning journeys to share. There are many routes that can be taken with many twists and turns along the way and we feel it is important to broaden peoples' awareness of the different pathways and careers out there so they can make informed decisions about their future.

We are looking for successful individuals with interesting and perhaps unconventional learning journeys to feature in short videos on our website to inspire others.

If you know of any people who may meet this criteria; in particular in 'STEM' careers, please can you pass on this email or send me their details.

Some examples of videos can be found on the Cornwall partner website via this link:

<http://madeitincornwall.org.uk/>

### **Girlguiding North West England.**

From our research we are aware of the barriers girls face in pursuing a career in a STEM subject, and we want to challenge this and inspire the girls in our organisation.

This year, as part of our celebrations for the International Day of the Girl (**Saturday 8th October**), we are holding a science event called 'Elements' for our young members (from ages 7 – 25). We are working in partnership with four different science venues across the North West (MOSI in Manchester, The Beacon in Whitehaven, Catalyst in Widnes and UCLAN in Preston).

We have been working closely with Dr Liz Granger from UCLAN to provide 4 different science workshops for 100 girls at their venue, and we were wondering if the STEM ambassadors would be able to assist us in providing or delivering an activity there?