

Request For STEM Ambassador Support 2018

NEW

Moor Park High School and Sixth Form

Stem workplace visit and guidance on the design/making process

It would be beneficial if the students were able to interact with real people who design and make products in the real world for real customers, they could then begin to understand how the following areas come together: Market research Anthropometric data aligned with Ergonomic thinking The cost of materials/ labour/ and unit cost How the different elements of the business come together Specific production techniques used in assembly The use of ICT in the design/manufacture of the products These are just some of the areas which would help the students understanding of designing and making but more importantly encourage them to take up roles in the manufacturing industry

12 April 2018 or other

Bowland High School

Sawley Road, Clitheroe BB7 4QS

Enrichment Week

Tuesday 10th - Friday 13th July

STEM activities/competition

A different activity each day

20 pupils all with a genuine interest in STEM

STEM Ambassadors to support if you can.

St Benedict's School, Whitehaven

14th March - Polar Explorer - National Science Week Challenge - Year 8s

8.45am - 12.15pm

A group of Year 8 students are going to become polar explorers. They will be planning what food to take on an overnight field research trip in the Antarctic. In the extreme cold, people get very hungry and hard work uses lots more energy than usual. Challenge: They will travel by skidoo, so need to ensure that each member of the team will get 3,350 calories over the 24 hours with a limited budget.

Six to eight supportive volunteers are required to mentor year 8 students through this challenge. If a business would like to sponsor the resources for the activity, that would also be appreciated.

Ashbridge School

Lindle Lane, Hutton, Preston, PR4 4AQ

We are in the early stages of transforming two of our classrooms into a STEM suite and break out space. Currently we have put in computers, a moveable tv and building up our design and science resources. We are looking for to find some STEM ambassadors who could maybe run a session to launch our new STEM suite and get our children enthused about the world of STEM. Additionally any ideas of activities/resources would be helpful and we would be extremely grateful for your help.

St Anne's Catholic Primary School

Leyland

PR25 1TL

I am organising a careers week for our students with various events taking place throughout the week including a careers fair. I was wondering if you could put me in touch with any Stem Ambassadors in our area who might be willing to contribute in some way to the week. We'd be particularly interested in any female stem ambassadors who use maths as part of their role, but would be grateful for any input.

**Ashton Community Science College,
Aldwych Drive Ashton-On-Ribble, Preston PR2 1SL
It is on 20th March 4pm - 6pm at Ashton CSC
Engineering in the Movies**

This **KS2** and **KS3** resource explores the science, technology, engineering and maths involved in the film industry and includes the following 12 activities.

1-Puzzling-Parallax

2-Magic-Drum

3-Creating-Movie-Magic

4-Chemical-Eruption

5-Pop-Rockets

6-Over-The-Rainbow

7-Good-Vibrations

8-Earthquake-Proof

9-Removing-Resistance

10-Fossil-Making

11-Smartphone-Projector

12-Pinhole-Photography

Teachers will get chance to network, hear about upcoming STEM opportunities and get hands on experience of the activities enclosed in the resource box that they will take away with them at the end of the CPD.

If you would like to attend as a STEM Ambassador – to find out more about the activities, help the teachers create links to real life within these topics, and to link to a school to help them deliver these sessions in school then please get in touch.

Event: NW Regional meeting for Careers and HE advisers and Science Teachers, hosted by COA Ltd. www.coa.co.uk

Date: Monday 23rd April 12.30pm – 3.30pm

Venue: The Queen's School, Chester

Description: the theme of the meeting is 'Careers in STEM' and we are hoping to have a speaker who can speak for about 30 minutes on some of the opportunities there are in this field, and maybe about their own career path too. The audience will probably be about 20 Careers/HE advisers and Science Teachers hoping to increase their knowledge of opportunities in this field. We will start with a buffet lunch, followed by a couple of talks. Expenses will be paid by COA.

Bishop Harvey Goodwin Primary School, Cumbria:

Science Topic Week

We are writing with a request for help...from 19-23 March we are having a topic week in school (our science week). As its the first time we have had a science week as a whole school, we are

keen for it to make an impact. We wondered if any STEM Ambassadors would be able visit school and work with the pupils doing a talk/workshop. Our main aim of the week is to excite and enthuse pupils, so they are motivated to learn about science. If the week has lots of fun and interesting memories for them, then this could be achieved. Areas of focus will be health and growth, survival and exercise, skeletons and muscles, nutrition, electricity, changes of matter and evolution.

Date: 19th – 23rd March 2018

Blackpool Sixth Form College, Mock Interviews

The college are currently arranging some mock interviews for a lovely bunch of lower sixth students w/c 18th June. They are searching for people who conduct interviews in their jobs to offer some of their time to run these mock interviews and to give the students feedback so they can develop their skills. We know it is a massive ask but it really would make all the difference to these students. If you would be interested in helping us with this, it really would be appreciated.

w/c 18th June 2018

Moorpark – Industrial Visit Required

Moorpark School in Preston are looking for an industrial visit for x5 of their A-Level Design and Technology pupils. They would like have contact with any manufacturing companies involved in the assembly of furniture or moulding plastic products. The cohort are interested in seeing some of the processes used in making of furniture or plastic moulded products.

If you can help, please get in touch. They are very flexible on timing and will come to the employer anytime between 9th April and 25th May – after this the exams start and it would be difficult to get the students out of school.

Date: Anytime April - May

Blackpool Sixth - Careers inspiration

At Blackpool Sixth Form, we are currently looking for individuals to speak to all students regarding their careers to inspire and motivate our students. This will provide them with a fantastic opportunity to gain insight in to how to become employable and to help them with their future intentions. If you feel you could speak to 16-19 year olds about your experiences please let me know.

I am particularly interested in the following companies to support

PWC, KPMG, Deloitte, EY, Lloyds, BDO, Grant Thornton, BT, Cap Gemini, Barclays, AECOM, Roll Royce, IBM, National Grid, GCHQ, Accenture, RSM, Unilever, Vodafone, Siemens, Airbus, BBC, Tesco, Thales.

The programme, depending on your specialism and area of expertise will run throughout the day in session times.

If you are interested in attending and learning more about the times and dates, please get in touch.

St Annes Primary: Primary Science Week

Leyland
PR25 1TL

We are running a careers week for our children aged (5-11) with a careers afternoon on 11th April 2018 from 1-3pm. The idea of the week is to widen their aspiration of their future jobs and careers. We hope that during the week the children will start to think about their interests and skills and research jobs accordingly based on these. We are looking for STEM ambassadors who

would be willing to come into school to talk to the children about their educational background and how things like maths and science are important within the jobs they do.

Please help if you can

Date: Afternoon 11th April 2018 1-3pm

Caster Cliff Primary Academy – Nelson

In the first week of summer 2 (wc 4/6/18) we are organising a 'space week' in school. As part of this, I would like two STEM Ambassadors to come into school to work with the children.

We are keen to put the 'A' in to STEM as well and would like anyone who could link to anything arty.

Get in touch if you can help

Date: w/c 4th June 2018

PREVIOUSLY ADVERTISED STILL REQUIRING SUPPORT

Mentor for Runshaw College Student

Invasive Species

The student wants to:-

I want to look at the various impacts of invasive species such as: human health, economic, environmental (biodiversity) impacts. Also looking at the different factors that allow invasive species to survive.

During my project I will research different invasive species on different continents and how they affect their environment, why they are so problematic and what can be done to manage invasive species. Looking at their effect on native animals and ecosystems as a whole

Runshaw College – Science Society STEM Ambassador – Drop In

Science society is about allowing students to gain transferable skills between science subjects and take part in small projects alongside the A 'level syllabus.

Science society meets every Wednesday for generally one lesson period (this is the student's study day) to work on the project set by the tutor.

This year's projects included: Chemistry - Preparation and analysis of paracetamol, Geology - Eutectic points, Biology - Forensic biology & entomology, Physics - Physics of car crashes and car safety.

Each student is also undertaking a gold CREST project of their choosing, whilst most this year are looking at communication style projects or research involving secondary sources we would like to encourage more students to undertake primary research.

Numbers and ages of students:

This year the group consists of 26 Lower 6th students, and 2 upper 6th helpers.

Objectives and expectations:

We have been invited to join The Institute for Research in Schools projects for chemistry and hopefully biology in the future, we are looking for sources of funds/bursaries that would allow us to buy the reagents needed for research projects.

We are looking for ideas of projects that would take 5 – 6 hours.
We would also like to invite guest STEM speakers in to talk to students about different STEM careers etc.

Bees At Heron Hill
Heron Hill Primary School
Kendal

We have two bee hives at our school and would like to use them as a science resource. We would like to apply for a Royal Society Partnership Grant and seek a professional interested in bees, or a research scientist to join us for a science week project and communicate with us via Skype on an ongoing basis. No dates have yet been set, the School will work around when you are available.

South Shore Academy, Blackpool– Go 4 Set Competition Mentoring
March - July

EDT's Go4SET project is typically 10 weeks and offers young people age 12-14 the opportunity to develop skills, inform subject choice and change perceptions about STEM, raising awareness of how studying these subjects can lead to a rewarding career. Teams consist of a maximum of 6 students and work to a set project brief.

Through interaction with the pupils and their project you will be guiding the team(s) towards a greater awareness of how Science, Technology, Engineering and Math's can be applied in a real-life situation. Your own experience and career pathway, as well as your knowledge of practical working conditions will be an invaluable resource to the team and we encourage you to discuss this openly during your meetings.

How does it work?

- School/college identifies teacher to support Go4SET team and teacher or school/college registers the team online
- EDT links school/college with company/organisation who identify mentor to support the project. Mentoring sessions are recommended as weekly visits by the mentor to school and are generally flexible to meet the needs of the school and the mentor's calendars.
- Mentors/Students choose the project that they would like the students to undertake at the launch day from those supplied by EDT.
- EDT supports teams, teachers and mentors throughout the project duration
- The project includes a launch event, a company visit, and culminates in a Celebration and Assessment Day where the students present their project to a panel of industry assessors, deliver a 5-minute presentation and have a Q&A session. There is an overall winner announced and additional sponsored winning categories. Regular meetings are encouraged.

St George's School A Church of England Academy, Blackpool
March - July

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raising awareness of how studying these subjects can lead to a rewarding career. Teams consist of a maximum of 6 students and work to a set project brief.

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Highfield Humanities College, Blackpool

March – July

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Through interaction with the pupils and their project you will be guiding the team(s) towards a greater awareness of how Science, Technology, Engineering and Maths can be applied in a real-life situation. Your own experience and career pathway, as well as your knowledge of practical working conditions will be an invaluable resource to the team and we encourage you to discuss this openly during your meetings.

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Delph Side Community Primary – Skelmersdale

British Science Week 2018 – Our school is classed as ‘deprived’ but are using our limited resources to put on a WOW science week this week during March 2018. We are keen to try and inspire the children with an exciting visitor/experience. Is there anyone in the STEM Ambassador group that could support us to help deliver some ‘WOW’ science activities, demos and talks please?

When: 9 – 18th March 2018

Storth Primary School, Storth, Nr Milnthorpe LA7 7JA

For science week, 12-16th March,

We are hoping to have a variety of professionals in school who can inspire and enthuse the children about Science. We are looking for people who can talk about their jobs or demonstrate practical activities. A presentation could be to the school (we have 62 children) or a small group

STEM presentation e.g. assembly or learning

The aim is to provide children with knowledge and understanding of science in a fun way.

St Stephens Primary, Preston: STEM Week 2018

St Stephens in Preston are holding a STEM week during British Science week next year, 12-16th March 2018. They were wondering if any lovely volunteers would come in during that week to inspire, engage and enthuse our young people! The school is a mid-sized primary school in the Broadgate area of Preston. They haven't got plans set in stone so can work around anyone who may be interested. Please get in touch if there is anything you can offer - or if you can just talk to the students or even judge a little STEM challenge

Darwen Aldridge Enterprise Studio School: Science Week Support

We are Darwen Aldridge Enterprise Studio School. Many of our pupils come from socially disadvantaged backgrounds and are very mixed ability. The Science department is trying to raise the profile of Science and is looking for guest speakers from Scientific backgrounds to come into school to give a short inspirational talk or presentation, hands on experiment or demo that will enthuse pupils into the Science field. We are also looking for somebody to support us with any of the above during the British science week 9-18th March. Students are aged 14-16 and we could put them into whatever sized group you need. Please get in touch if you can help.

St Peters and St Pauls Primary School, Rishton - Science day on Monday 12th March.

This Primary school in Rishton is undertaking a Primary Science day for their pupils on the theme of ‘CHANGE’ which is this year’s British Science Week theme.

The school will be running Science based activities throughout of the day covers things like:

- CHANGING COLOURS ° Nature’s colour palette ° Catch a rainbow ° Flowers to dye for
- CHANGING STATES ° Kitchen chemistry ° Alka-seltzer rocket ° Changing states: solids, liquids, gases
- CHANGING ENVIRONMENT ° Evolution: changing camouflage ° Changing like the wind ° My ‘Moon Diary’ ° Moving shadows

- CHANGING MATERIALS ° Money money money ° Boogie gloop ° Pop a balloon

If there is anyway STEM Ambassadors could support us with this day with a visit or resources we would be thankful.

Whalley Primary School: Science Week

Whalley primary are looking for Ambassadors to visit the week of the 12th March. The theme is exploration and discovery, looking at how science affects the environment around us. They would welcome any support with either KS1 or kS2 or both!! Could be small group, large... year groups. The more experiences the children have the better! So please come – whatever you can offer! A talk, a demo, an interactive activity or team STEM game.

Time: Anytime w/c 12th March 2018

Coppull Primary School

The school are looking for speakers to talk to groups of 4-11 years olds during British Science Week 12-16th March 2018. The theme is exploration and discovery but that could cover a HUGE range of things from research, to adventure, to space, to medical – can you help and talk / show the children what you do? They have also asked for any practical science activities if any STEM Ambassadors would like to provide a small demonstration or lead on a mini hands-on challenge – if you would like to help but don't have any ideas then just contact us at STEMFirst and we can point you in the direction of some easy challenges!

Date: 12th-16 March 2018 – anytime on anyday

St Mary's CE School, Kirkby Lonsdale - Primary British Science week

St Mary's Primary in Kirkby Lonsdale are wanting to run a series of workshops and activities to enhance the whole school's understanding of the world around them. This is to incorporate their own forest skills initiative in school. this includes planting bulbs, identifying trees, plants and birds and food chains at various levels. It also goes on to den building, fire lighting, knot tying and outdoor cooking. The Science week theme is Discovery and Exploration and so this fits in perfectly.

They are seeking ambassadors that would be able to help in any of these fields. They also have a small pond. Their Year 5 class are looking at Framing too, so anything within this would be great. The Year 6 will also be looking at discovery and exploration of technology and developments within that.

Keywords

Nature Trees Plants Birds Farming Outdoor education Developing technology

Activity Date

Science week 12-16th March

Great Harwood Primary School

We will be taking part in British Science Week from the **12th - 16th March**. We will be planning activities in school based around the theme of 'exploration and discovery'. We would be grateful if any available STEM ambassadors were able to run assemblies possibly talking about their role in the science industry, and where possible ambassadors to support staff in class helping to do science experiments etc. We are very flexible in regard to any support that is available.

Victoria Infant and Nursery School, Islay Place , Workington, CA14 3XB

Date: Any day during science week- 12th March until 16th March

Brief Description

We are looking to get some STEM Ambassadors in during Science Week to support learners and give talks about their jobs and roles and also to support the start of a STEM club. I am currently looking into science week and making my final plans but we are hoping to do an 'engineering day' and get the parents/carers in in the afternoon.

The school is quite big but the talks could be in year groups in an almost assembly style and the other aspects if possible would be arranged once my plans were final and depending on their days of availability. I would just like some 'real life people' to have a presence in school during this week to help children have a wider understanding of STEM roles and have higher aspirations.

Age and number of pupils taking part

They range from 2-7

Times of activity – full day/half day

Dependent on age (half for younger)

Refreshments provided

Yes tea, coffee, juice, biscuits and option to order a freshly made lunch too

How many STEM Ambassadors required

Last year I just welcomed as many as would come as it was great to have a mixture of men and women in talking about their roles.

We are open to offers if people can only do a couple of hours in the specified week, I am happy to communicate via phone or email like I did last time once the request has been sent.

Also last year we had a lovely gentleman who talked to us about a 'school kit' his firm had which he could bring in to share with the children. If there were options like that I am happy to adapt.

We loved it last year and it was fantastic having them in to inspire the young children during the year of engineering!

DATE: Wednesday, 14th March 2018

TIME: 09:30 - 09:45 arrival. Start 10:00 – 16:00

VENUE: Blackpool & Fylde College,

TARGET AUDIENCE: 16-19 Year olds

EVENT DETAILS: Employers from local businesses will attend to hold mock interviews with the students, preparing them for future interviews with an employer or university. General questions will be asked to give the students a real feel for an interview process with a person from the world of work. The allotted time for each interview will be 15 minutes with a further 5 minutes for any written feedback, the students benefit from this and learn how to improve on their performance. Interview questions and feedback sheets will be provided on the day.

World of Work event at William Howard School

Longtown Rd, Brampton CA8 1AR

On that day we are holding two events. One is for our Year 7 students and runs from 9-11am, the second is for our Year 8 students and will run across the two lessons either side of lunchtime; 11.30-12.30 and 1.10-2.10 pm.

The aim of these is to raise aspiration and to increase students' awareness of the opportunities open to them when they leave school.

My plan for each two hour event is to split it into four 30 minute sessions that students will rotate around. One session will focus on University and higher education, another will be on vocational training and apprenticeships, the third is a talk from an inspirational member of our local business community, and the fourth I would like to have a STEM focus.

Whilst in the first three students might be quite passive it would be lovely if the STEM session could be more 'hands-on', however what format this took would be up to the volunteers involved.

Please support if you can 14th March 2018

West Lancashire College is holding a Future U Interactive Careers Fair on Wednesday 14 March 2018 9am-4pm for West Lancashire learners. 1500 pupils and students will be attending throughout the day and we have scheduled this to take place the week following National Careers Week and National Apprenticeship Week to take advantage of national initiatives and encourage learners to find out about their futures.

This event is for local High School Pupils Years 9 – 11 and college students years 12-13. The event aims to inspire young people from schools and the college about their future careers and opportunities. It also provides information to those looking to find out more about Higher Level studies and career progression opportunities available with employers or Universities.

The aim of the event is to raise aspirations of learners in the local area to help motivate them towards further study, employment, higher education and enable them to make informed decisions whenever choices are open to them. This will help them to understand more about the world of work and to know what skills they need to succeed. Contact with employers is crucial as it helps open their eyes to careers they may not have considered and what employers are looking for.

A wide range of Employers and college departments will showcase careers, and jobs stalls will be available for pupils to find out more regarding:

- What a job entails.
- Potential earnings for a job.
- Qualifications needed to gain employment in an occupational area.
- Progression routes within a role.
- Additional qualifications whilst on the job.
- Apprenticeships available careers.

At the event pupils/students will have an opportunity to try different activities and challenges to help inform the range of career routes available to them in a competitive job market

DATE: 14 March, 24 April, 7 June, 13 July

TIME: 8.55 arrival. Start 9.10 till 12.30 (with a break)

VENUE: Mount Carmel RC High School, Wordsworth Rd, Accrington BB5 0LU

TARGET AUDIENCE: Small group of eleven students – Year 10.

EVENT DETAILS: Mentoring: Employers from industry to act as role models to work with students in pairs/groups of 3 through a series of activities to help them start to plan for their future, raise their aspirations and develop confidence. For some of these young people, through no fault of their own, they are having a few problems in school due to circumstances at home/things going

on in their lives and so really benefit from working with adults who are not teachers and who take time to listen to them and offer advice. There are 4 class based sessions to this programme and employers would be requested at each session for consistency of support.

Langho and Billington St Leonards Primary: Science Week

St Leonards are holding a Science week commencing 19th March 2018 based loosely around the theme of 'Materials'.

They would welcome any visitors who could talk to the children about careers involving science or who to engage with the whole School during their Science week – we would welcome experiments/workshops/talks or demonstrations linked to all areas of STEM.

Please can you help?

DATE: w/c 19th March – any day

Primet Primary School Colne: STEM Day

Primet Primary are looking for visitors to come into our one form entry school on the week beginning

19th March (ideally 21st/22nd March) to talk about their job and give children an idea of different STEM careers which are available to them. Ideally if they could bring a couple of items relating to their job as props for discussion with the children, this would be excellent. We are based 5 minutes away from the M65 in Colne so are easy to get to as well for anyone travelling over.

Please get in touch if you can help.

Date: 21st/22nd March 2018

Darwen Vale – Girls in Engineering STEM Ambassador Partner WANTED

For the second year running Darwen Vale would like to work with Soroptimists International to hold a Girls-in-STEM morning.

We have some STEM Ambassador Soroptimists that will lead on the in-school sessions in March 2018 and we are looking for a STEM Organisation or STEM Ambassador to run a simultaneous STEM workshop for a small group of girls.

The girls do a swap over – half doing the Soroptimists challenge and half doing a STEM Challenge for 1hr and then swap and repeat.

The objectives are to illustrate opportunities for women in STEM and to raise awareness of where Science can take you.

Do you want to get involved? If so then please get in touch. We can provide ideas and activity resources if you need us to.

Date – ½ day session TBC in March

Year 9 Maths Day at UCLAN, Prestons – for Preston and surrounding schools

On the 11th of April UCLan in Preston is hosting a Maths day with schools in the region. We are looking for STEM Ambassadors that can show that Maths is needed for ANY profession and the exciting opportunities for STEM locally that needs Maths skills and understanding.

There will be 6 schools sending small groups of pupils - we need Ambassadors to talk to

them and show how Maths is important in real jobs. There will be two sessions: one in the morning (9.30-12) and one in the afternoon (12-2.30) where the students, in groups of 10-12, will visit your stand in the sports hall for 15 minutes. In each session 8 groups will visit the stand and will hear from you how you use mathematics, or experience it with a little activity you will have prepared. You can come to either session (or both, but be aware it is quite a tiring day if you do both).

Finally looking at local information regarding girls studying Maths post 16, the numbers make shocking reading. We are therefore looking for lots of lovely STEM ladies to take part in this event, to help the girls see that studying Maths after GCSE is not just for the boys!

Activity Date

11th April 2018

DATE: Wednesday, 25th April 2018

TIME: **09:30 - 09:45** arrival. **Start 10:00 – 16:00**

VENUE: Blackpool & Fylde College,

TARGET AUDIENCE: 16-19 Year olds

EVENT DETAILS: Employers from local businesses will attend to hold mock interviews with the students, preparing them for future interviews with an employer or university. General questions will be asked to give the students a real feel for an interview process with a person from the world of work. The allotted time for each interview will be 15 minutes with a further 5 minutes for any written feedback, the students benefit from this and learn how to improve on their performance. Interview questions and feedback sheets will be provided on the day.

ALL Hallows, Energy Quest

All Hallows Catholic High School in Preston are looking for STEM Ambassadors to support an Energy Quest STEM day that they are having in school on 25th April 2018.

Tomorrow's Engineers Energy Quest is a free schools programme that encourages young people to find out all about sustainable energy and learn about associated engineering careers.

The first part is the Energiser Workshop, an interactive STEM workshop is packed with hands-on activities, careers information and stories from real engineers working in energy. Students will receive their own workbook to capture learning as they explore concepts of energy generation, sustainability and technologies.

Each workshop is: open to groups of up to 60 Key Stage 3 students facilitated by a STEM expert

approximately 2.5 hours long and is an opportunity for the students to explore concepts in physics, design & technology and engineering

Can you help?

25th April between 9-12.30pm

Pleckgate High School, Blackburn

An interactive Careers Event held at Pleckgate High school on **Thursday 26th April 2018**, with a focus on choosing to study physics as an opening to a wide range of careers. The event is aimed at Year 9 as they plan to take their GCSE options. We envision a carousel of activities (hands-on engaging activities for the pupils) (around 6-7 separate activities) with

around 15 pupils in each session. The time slot would be around 25 minutes long and you would repeat that 7 times with different groups of pupils from the local schools. We are hoping to also attract employers such as NHS, BAE apprenticeships, Engineering, Nuclear Physics, and Electrical Engineering. who will be planning similar activities session. We are also looking for a guest speaker to engage them to continue their studies into physics.

Energy Quest STEM Event – In Schools Support

Energy Quest is a free, two-part schools programme bringing a spark to STEM learning for students aged 11-14.

Part 1: A facilitated hands-on Energiser workshop at your school

Part 2: The Bright Ideas Challenge, a team competition of innovative future thinking

The half-day workshop is packed with hands-on activities, careers information and stories from real engineers. Participants will take part in the following:

- The Energy Mix Taking the role of energy engineers, students are challenged to present the ultimate energy mix for global locations.
- The Electric Car Challenge Students become engineers as they design, build and test their own car.
- Careers in engineering Students reflect on the skills and mindsets of an engineer, and learn about the different routes into engineering.

We are looking for STEM Ambassadors to support the following times and dates:

St Christopher's, Accrington

1 May 2018

St Christophers Accrington: Support for Faraday STEM Challenge

St Christophers are undertaking a Faraday challenge on 22nd May 2018. The group is comprised of 26 11-14 year olds. Help with coding and just general support and judging would be great. This is a full days activity - can you help out? The Faraday challenge days are always a great, fun and inspirational experience!

Lancashire East Guide Scout Jamboree

I am helping organise LEGSJAM Lancashire East Guide Scout Jamboree for next year. We anticipate 400+ young people aged 10+. We are looking for external providers to come on site on a Sunday 27th May when it will be free flow around numerous activities. Please support if you can. It's at Bowley Scout Campsite near Great Harwood, Lancashire. Near Blackburn. Re timings... at this stage I don't know, during the day but we will be as flexible as possible.

Ribble Valley School Faraday Challenge – Secondary School Teams

Oakhill in Whalley is hosting an inter-school STEM day in June based on the popular Faraday challenges. The students work to a project brief set on the day. Do you want to help with judging? Talking to the schools' teams and helping them with their projects?

This is always a fantastic full day and no prior experience is required. The teams get very competitive and a lot of the activity is based around problem solving, creative thinking, presentations and communication.

Please get in touch if you can help

Date: 11th June 2018

Queen Elizabeth Grammar School, Penrith, CA11 7EG

Students will be involved in a day exploring a range of career opportunities and we would like to have a STEM focus on some of the workshops. The idea of the day is that we would run (ideally) groups of students in a carousel of activities where they can opt to listen to talks that interest them, and have some to the whole year group. Whole year group size is 128, and groups would be around 30. We are looking for a 45-minute talk from each ambassador (which may repeat in other

sessions if needed or possible) about the kind of role that you have in your industry, the career route you took to get there and what might inspire interest them to follow that path. It can involve interactive activities or be simply a talk with Question and answer at the end. We are looking for a selection of different ambassadors to help with the event.

Wednesday 13 June 2018

DATE: 14 June, date in July TBC

TIME: 9.20 arrival. Start 9.30 to 12.30 (with a break)

VENUE: Ss John Fisher and Thomas More RC High School, Gibfield Rd, Colne BB8 8JT

TARGET AUDIENCE: Small group of ten students – Year 10.

EVENT DETAILS: Mentoring: Employers from industry to act as role models to work with students in pairs/groups of 3 through a series of activities to help them start to plan for their future, raise their aspirations and develop confidence. For some of these young people, through no fault of their own, they are having a few problems in school due to circumstances at home/things going on in their lives and so really benefit from working with adults who are not teachers and who take time to listen to them and offer advice. There are 4 class based sessions to this programme and employers would be requested at each session for consistency of support.

Science & Technology Festival Burnley College

The event is aimed at promoting Science, Technology & Engineering to children and will be held on **16th June 9am – 4pm**. As I mentioned it has always been popular with the local community and we have thousands of people through the door so it is a great opportunity for promote their business.

The aim of the day is to promote local employers, demonstrate our outstanding educational provision as well as build awareness of our place in the local community. It is designed to be fun, hands on and educational for all. We tend to find that the event is most popular with young children (ages 4-11 years) and their parents. Historically the day has brought thousands of people into the college so it is fast paced with plenty to get involved in.

Lancashire Science Festival – June 2018

We are looking for volunteers to support the Lancashire Science Festival in June. This runs for 3 days that attracts over 17,000 across the three days.

Do you want to help out? Act as mentor guides, talk to the students or even host a small stand/demo? If so then get in touch

To find out more about the festival and what is on go to:

<http://www.lancashiresciencefestival.co.uk/>

Dates: 28th, 29th, 30th June

NW Eco-Schools Conference

Supported and promoted by Lancashire Schools Sustainability Forum and Eco-Schools

The North West School Eco Conference is back in June 2018. The Target audience is Y4 /5 children from primary schools in Lancashire and lower KS3.

The students spend a day looking at all things Green / Eco and Environmentally friendly and we are looking for STEM Ambassadors that either work in that industry and would like to have a

stand in the market place, OR can support by offering work shops to small groups of pupils , OR would like to act as judges for the as-yet-undecided team competitions. If you would like to get involved then please get in touch.

Activity Dates

28th June 2018 at Blackburn Rovers Ewood Park 9am – 2:30pm