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<tr>
<th>Date &amp; Time</th>
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<th>Age/Yr Group</th>
<th>Title and Brief Description of Activity</th>
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</thead>
<tbody>
<tr>
<td><strong>22nd March 2016</strong></td>
<td>Alder Grange High School Rawtenstall</td>
<td>KS 3 Years 7-9</td>
<td><strong>NEW – Careers Fair</strong>  &lt;br&gt;I am organising a full school Careers Fair at Alder Grange in March (22nd ) it would be great if someone could come long.</td>
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<tr>
<td><strong>To be arranged</strong></td>
<td>Rhyddings High School</td>
<td>KS 3 Years 7-9</td>
<td><strong>NEW Cisco Little Big Awards</strong>  &lt;br&gt;We are very excited to be working with CISCO Systems on a fantastic new STEM Competition – The Little Big Awards.  &lt;br&gt;This competition is for KS3, Years 7-9, and is for teams of 3-6 pupils. Each team will be linked to a mentor (STEM Ambassador) who will support their project and meet them from time to time.  &lt;br&gt;Here is a very brief overview of the brief!  &lt;br&gt;CAN YOU CONNECT THE UNCONNECTED?  &lt;br&gt;We use the internet every day: on our computers, on tablets and mobile phones. You can watch TV, make phone calls, send photos, and shop - all on the internet. But even today less than 1% of all things are connected to the internet. What happens when your microwave, your central heating, your car, or even maybe your school workbooks are connected to the internet?  &lt;br&gt;Cisco invites your school to take part in the Little BIG Awards to show us how you think your life could be made better by connecting everyday things together.</td>
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| To be arranged | St Augustine’s Billington         | *NEW Tomorrow’s Engineers ‘EEP Robotics Challenge*  
See brief in ‘other’ section at the bottom of this note |
| To be arranged | St Augustine’s Billington         | *NEW St Augustine's Support*  
Science from St Augustine’s would really like some help.  
They are running a STEM Club and could do with some input – activity, acting as mentors or just adding some real world perspectives.  
They have also been told that they have to increase STEM in school, but are not encouraged to take the children out. So anything you can offer in-school from activities, talks, speed networking would also be fantastic. |
| 22 June 2016 | The Hollins Accrington            | *NEW The Hollins STEM in Careers session*  
The Hollins in Accrington would like to find a STEM speaker to deliver a session on careers in science (and STEM developments, why we need skilled people). The session would be for half an hour. The date is Weds 22 June 2016 about 6 pm,  
Could anyone help out inspire these next generation of STEM professionals?  
STEMFirst have a presentation with facts and figures and a STEM message quiz if you would like to borrow it and then add to it a bit about your own industry / career / background? |
| To be arranged | St Christopher’s Accrington       | *NEW Tomorrow’s Engineers ‘EEP Robotics Challenge*  
See brief in ‘other’ section at the bottom of this note |
| 21 January 2016 | Blackburn Central High School     | *NEW – Smallpiece Trust Energiser Event*  
Students from schools in your area are taking part in an amazing new project learning all about Engineering and Energy. As we know, energy is such a buzzword these days with the government funding lots of initiatives to increase our knowledge |
and teach sustainability, so it’s a great thing to be involved in! The students learn the many ways how energy is made and the challenges faced surrounding energy resources today. Following on from an energy fact finding mission, these students will be tasked with an exciting hands on design-and-make challenge. The challenge will involve building a solar car to a specific specification and testing the distance travelled. This is where we need you! By coming along and getting involved, you will help inspire and inform the future generations of Engineers. You will discover ways in which you can share your knowledge and make a huge difference to young people’s lives. By observing from afar and letting the students work through their own challenges, you will be assisting and encouraging them to try and think like an engineer and be a problem solver! You would only need to commit to one half day session but would be welcome to attend any future events and consider working with the Trust in other ways in the future. “

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<tr>
<th>From January onwards</th>
<th>Bacup and Rawtenstall Grammar School Waterfoot Rossendale Lancashire</th>
<th>Year 12 x 1</th>
<th>*NEW BRGS: Engineering Experience / Find out more</th>
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Bacup and Rawtenstall Grammar have a Year 12 student who desires to seek Engineering as career but would benefit from work experience/exposure.

He lives in Rawtenstall and he is prepared to travel to anywhere in a 20 mile radius.

is there anything that you can offer - a site visit? A chat about opportunities? A day work shadowing ?

Type engineering;
Wide range of engineering and he is prepared to visit a range companies.

Please get in touch if you can offer anything.
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<tr>
<th><strong>To be arranged</strong></th>
<th><strong>Blackburn Central High School</strong></th>
<th><strong>NEW Tomorrow’s Engineers ‘EEP Robotics Challenge</strong>&lt;br&gt;See brief in ‘other’ section at the bottom of this note</th>
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<tr>
<td><strong>To be arranged</strong></td>
<td><strong>Darwen Vale High School</strong></td>
<td><strong>NEW Tomorrow’s Engineers ‘EEP Robotics Challenge</strong>&lt;br&gt;See brief in ‘other’ section at the bottom of this note</td>
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<tr>
<td><strong>To be arranged</strong></td>
<td><strong>Darwen Aldridge Community Academy</strong></td>
<td><strong>NEW Tomorrow’s Engineers ‘EEP Robotics Challenge</strong>&lt;br&gt;See brief in ‘other’ section at the bottom of this note</td>
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<tr>
<td><strong>To be arranged</strong></td>
<td><strong>Our Lady and St John’s Blackburn</strong></td>
<td><strong>NEW Tomorrow’s Engineers ‘EEP Robotics Challenge</strong>&lt;br&gt;See brief in ‘other’ section at the bottom of this note</td>
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<tr>
<td><strong>Anytime to suit the STEM Ambassador</strong></td>
<td><strong>St Wilfrid’s Blackburn</strong></td>
<td><strong>NEW St Wilfrid's Blackburn - Help with practical Dissection Club</strong>&lt;br&gt;St Wilfrids in Blackburn run a dissection / practical science club for years 11 and 12 at lunchtimes.&lt;br&gt;They are looking for STEM Ambassadors to pop in to help the students with their practical experiment skills / offer advice.&lt;br&gt;Also if you have experience of taking tissue samples / analysis and can come and talk to the students then that would be fantastic. Times can be arranged with the school</td>
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<tr>
<td><strong>Any Tuesday after half term</strong></td>
<td><strong>Norden High School Rishton</strong></td>
<td><strong>Electricity Workshop Wanted</strong>&lt;br&gt;Norden High School in Rishton would really like a powergrid/electricity workshop demo. They are free 1pm onwards on a Tuesday afternoon and would love someone that works in the electricity / power distribution industry to come into school for an hour.</td>
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<td><strong>June 2016</strong></td>
<td><strong>Norden High School Rishton</strong></td>
<td><strong>Rock Cycle - Summer Term 2016</strong>&lt;br&gt;Norden High School in Rishton are undertaking a full day of activity in June 2016</td>
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for their Year 8 pupils.

The day will consist of activities based around the 'Rock Cycle'.

We are looking for someone who knows about rocks, is a geologist, engineer or associated profession.

Can you bring in some sample of rocks or fossils? Could you do a presentation about your job or talk to the students about the structure of the earth / rocks? Then please get in touch - the date will be confirmed ASAP

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<tr>
<td>26th – 27th January</td>
<td>Blackpool Pleasure Beach for all Blackpool Schools Year 9 13-14</td>
<td>*NEW Blackpool – Future Careers Event</td>
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<td>9 – 3 pm</td>
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<td>Come and support this popular interactive careers event for Blackpool Year 9 pupils……We need bodies for our stand or if you want to bring your own stand then the organisers will be delighted! All STEM companies are put together and the students come in groups so there is ample opportunity for good conversations / careers chats with the students…. Support required for x 2 days but please feel free to offer as little or as much within that time frame as you can allow.</td>
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<p>| Spring 2016          | Unity College Blackpool           | 50 students   | *NEW Unity College - inspiration wanted                                                |
|                      |                                   |              | Unity Academy in Blackpool have a priority in school to raise the pupils understanding of STEM, and raise aspirations regarding Careers choices in this arena. Could you provide a talk to a class or even deliver an aspirational assembly either as an individual STEM Ambassador or with some colleagues? |</p>
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<th>Date</th>
<th>Event Name</th>
<th>Details</th>
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<tr>
<td>Tuesday 9th February 2016</td>
<td>Industry Day</td>
<td>St Mary's Catholic Academy, Blackpool would like STEM Ambassadors to support their industry day.</td>
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</table>
| 27th January 2016   | *NEW Careers Convention            | I am writing to cordially invite you to a Careers Convention which we are holding on **Wednesday, 27th January 2016, from 6.00pm-9.00pm, at Millfield Science and Performing Arts College.** We are keen to invite as many local businesses, colleges and public services as possible, so that our students can see a broad spectrum of opportunities open to them. This will hopefully give our students an insight into what careers are available locally, and it will also give you an opportunity to promote your organisation to potential employees, trainees or students. We are encouraging all year groups to attend, particularly Year 8 who will be choosing their options in the Summer Term and Year 11 whose future career path is rapidly approaching. As this is an event which can be difficult to organise it is very important for you to give us any details of any equipment or materials you may need on the evening, to ensure that the event runs smoothly. It may be the case that you will have all your own material, and all we need to provide is floor space, tables and chairs. Refreshments will be provided for all delegates. If you are able to attend our Careers Convention please return the attached reply slip, at your earliest convenience, indicating how many representatives (with names) you will be sending, any equipment you require, and any other information that may be useful for the evening. **Please reply as soon as**
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| To be arranged| Hameldon Community College Burnley                                  |              | *NEW Tomorrow’s Engineers ‘EEP Robotics Challenge*  
See brief in ‘other’ section at the bottom of this note                                                                                                                                                                                                                                                                                                                                                                                                     |
| 10th February 2016 | For Pendle/Nelson and Colne Schools at Nelson and Colne College   |              | *NEW Work Inspiration: Pendle / Nelson / Colne Schools*  
We are looking for Employers who would like to support a full day’s WORK INSPIRATION event on the 10th February.  
This event is for Year 9 pupils and has the following objective:  
o Students to know what it is that your company do and recognise your company by name/logo  
o Students to understand the skills, qualities and qualifications needed to work within your company  
o Students to get an insight into local LMI and where your organisation sits within this  
We would like employers to bring along a stand / interactive activity so that it will encourage the students to:  
o Engage with the ‘stall/stand’ to draw in audience – practical/hands-on demo  
o Name 5 jobs within your organisation  
o Understand skills required to work in your organisation  
o Understand requirements to work in your organisation  
The students will also be doing a quiz so we would like you to provide 2 questions (and answers) about your business which students will answer on the day, they will... |
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| Friday 15<sup>th</sup> January Mornings | Marsden Heights | Year 9 | Marsden Heights; STEM Tea and Biscuits - One for the Ladies!  
Marsden Heights are planning on running a session to inspire their ladies into STEM - especially gifted and talented/where STEM can take you.  
If you are interested we are looking for female STEM Professionals to come in and talk to the girls in a ‘STEM Tea and Biscuits’ session.  
Two dates are up for grabs: Friday Mornings 11th December or 15th January |
| To be confirmed with the STEM Ambassador November - December | Colne Primet High School | Year 9 | Inspiring STEM, Personal Stories and Why should we study STEM?  
Colne Primet would like support for their Year 9s to inspire them into understanding how exciting and diverse STEM careers can be.  
Could you take a small group of students in form time or even do an assembly?  
Form time is 1:40 - 2:10 but the school could set aside a full afternoon from 1:40pm to 3:20pm where you could see each of the three form groups - of 22 children in each form.  
We would love to get a selection of STEM Ambassadors/Apprentices through to experienced STEM Professionals to undertake some mini talks and speed networking so please get in touch. |
| From September Tuesdays 9 – 10.40 am | Sir John Thursby Burnley | Year 8 25 in a group | SJT - Inspirational Practical’s  
Sir John Thursby Community College in Burnley are looking for someone to come in to our school and demonstrate some motivational Physics Practical’s (Biology or... |
Provisionally Chemistry) at the start of the new academic year in September. I would like to do this with our year 8 classes that have about 25 pupils in them. There are 9 sets in year 8 so I would like someone to come in every month or so to get through the whole year group. I have found out that we will have year 8 pupils in science on Tuesdays from 9 am to 10.40 am (provisionally) so I think this would be a good time to use. Can you do a short practical and then a presentation? If you have attended a POWERFUL PRACTICALS training session then this would be a fantastic opportunity to try out your ideas!

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</table>
| To be arranged | Burscough Priory Ormskirk | *NEW Disengaged Science Students  
Have you any volunteers who were uninterested or disengaged with science during their school years but have ended up in a science-based career who could come in and speak a bit about their job, qualifications, time during and after school? We seem to have several disengaged students this year that would benefit from something like this. | |
| To be arranged | Balshaw’s High School | *NEW Tomorrow’s Engineers ‘EEP Robotics Challenge  
See brief in ‘other’ section at the bottom of this note | |
| To be arranged | Wellfield High School Leyland | *NEW Tomorrow’s Engineers ‘EEP Robotics Challenge  
See brief in ‘other’ section at the bottom of this note | |
| To be arranged | Southlands High School Chorley | *NEW Tomorrow’s Engineers ‘EEP Robotics Challenge  
See brief in ‘other’ section at the bottom of this note | |
| To be agreed with the STEM Ambassador | Bishop Rawstorne | 15 pupils | *NEW Bishop Rawstorne - Visit to something Nuclear  
Bishop Rawstorne would like to take a small group of pupils for an industrial visit. They would like something that is connected to NUCLEAR - waste processing, design, engineering.. |
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<th>Date</th>
<th>Location</th>
<th>Year Levels</th>
<th>Event Details</th>
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<tbody>
<tr>
<td>29th January 2016</td>
<td>Parklands High School Chorley</td>
<td>Years 9, 10 &amp; 11</td>
<td><strong>NEW Careers Fair</strong>&lt;br&gt;I am writing to invite you to our Careers Fair on Friday 29&lt;sup&gt;th&lt;/sup&gt; January 2016. The fair will take place in the school sports hall and gym from 9am until 3pm (school will be open from 8am to allow you to set up). You are more than welcome to bring along any interactive elements. I am inviting Further and Higher Education establishments, training providers and local businesses/employers to set up a stall for the day. Last year saw a very successful fair with well over 50 attendees, all of whom reported positively about our students and their interest and enthusiasm. Each Year 10 and 11 form will have approximately 45 minutes to visit stalls gathering information on further education and different careers. Year 9 will also visit the fair for 30 minutes, to get a taste of what is on offer. This will mean around 600 pupils attending the event, with a maximum of 100 pupils being in the hall or gym at any one time. I must emphasise that it is not a recruitment event, but purely a look at what is available in the future.</td>
</tr>
<tr>
<td>January – date to be mutually agreed</td>
<td>St Michael’s Chorley</td>
<td></td>
<td><strong>STEM Club</strong>&lt;br&gt;St Michaels are re-launching their STEM Club in January and are looking for STEM Ambassadors that can help it go with a ‘bang’ and to raise the profiles of STEM careers.&lt;br&gt;Most students think that STEM is predominately Science - can you help Maths and Technology shout about their contribution!!&lt;br&gt;Any help would be appreciated - activities, talks, etc</td>
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<tr>
<td>15th March 2016</td>
<td>Wellfield High School</td>
<td>Year 8</td>
<td><strong>FARADAY Challenge</strong></td>
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</table>
We are looking for STEM Ambassadors to support the fantastic STEM Challenge – Faraday Emergency Communications, at Wellfield High School Leyland.

This is the second year the school have run this challenge and really enjoy it! We are looking for ambassadors to act as team judges / coaches / mentors and to give a quick overview of themselves to the pupils.

16th March 2016
4 – 5.30
Wellfield High School
Leyland

Years 9-11

**STEM and STEM Careers Session**

Wellfield High School are getting in early with requests for STEM next year for our fantastic STEM week - trying to make it even better for this time around!

They are hoping to put on a big STEM careers fair with lots of STEM businesses who would have stalls for year 9-11 on Wednesday 16th March between 4.00 and 5.30 to really push pupils to look at STEM subjects and apprenticeships in future decisions.

Please get in touch if you can bring along an interactive stand or would like to borrow some STEMFirst stuff so that you can support.

**Lancaster, Morecambe & Carnforth**

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</table>
| 27 January 2016   | Heysham High School         | Years 9-11   | **NEW Smallpiece Trust Energiser Event**

Students from schools in your area are taking part in an amazing new project learning all about Engineering and Energy. As we know, energy is such a buzzword these days with the government funding lots of initiatives to increase our knowledge and teach sustainability, so it’s a great thing to be involved in! The students learn the many ways how energy is made and the challenges faced surrounding energy resources today. Following on from an energy fact finding mission, these students will be tasked with an exciting hands on design-and-make challenge. The challenge will involve building a solar car to a specific specification and testing the distance travelled. This is where we need you! By coming along and getting involved, you will help inspire and inform the future generations of Engineers. You will discover
ways in which you can share your knowledge and make a huge difference to young people’s lives. By observing from afar and letting the students work through their own challenges, you will be assisting and encouraging them to try and think like an engineer and be a problem solver! You would only need to commit to one half day session but would be welcome to attend any future events and consider working with the Trust in other ways in the future. “

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<th>Description</th>
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| Any Monday from 1 - 2 pm              | Lancaster Royal Grammar School Lancaster | **STEM Society Talks**  
Lancaster Royal Grammar have a STEM Society which has been established by the students with support from teaching staff.  
For one hour per week they are inviting in guests who have a STEM job / profession / background to talk to their students - with the aim of inspiring and highlighting the wide range of opportunities in STEM.  
We are looking for STEM Ambassadors who would be prepared to come to the schools for an hour to give a talk / be asked questions / deliver a short session on their job - nothing too formal is required as this is for smallish groups of students. Each session will be advertised in school and different students come to different sessions depending on their interests. |
| Ongoing from now                      | Lancaster Girls Grammar School Lancaster | **Programmer and Engineers to support VEX Robotics Competition Project**  
We are looking for some enthusiastic STEM Ambassadors to help Lancaster Girls Grammar School with advice on robotics / manufacturing / programming.  
The girls are hoping to take part in the VEX Robotic competition (more info at http://www.vexrobotics.com/vexedr/competition/) and need your help.  
It could be one-off help or more sustained advice and support - whatever you can offer. The support doesn't always have to be face to face, and you could offer advice remotely. |
They would like anyone with Mechanical engineering, manufacturing, robotics, mechatronics or a programmer - ASAP.

Thanks!

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</table>
| 8 March 2016      | All Hallows High School       |              | *NEW Smallpiece Trust Energiser Event
Students from schools in your area are taking part in an amazing new project learning all about Engineering and Energy. As we know, energy is such a buzzword these days with the government funding lots of initiatives to increase our knowledge and teach sustainability, so it’s a great thing to be involved in! The students learn the many ways how energy is made and the challenges faced surrounding energy resources today. Following on from an energy fact finding mission, these students will be tasked with an exciting hands on design-and-make challenge. The challenge will involve building a solar car to a specific specification and testing the distance travelled. This is where we need you! By coming along and getting involved, you will help inspire and inform the future generations of Engineers. You will discover ways in which you can share your knowledge and make a huge difference to young people’s lives. By observing from afar and letting the students work through their own challenges, you will be assisting and encouraging them to try and think like an engineer and be a problem solver! You would only need to commit to one half day session but would be welcome to attend any future events and consider working with the Trust in other ways in the future. “ |
| To be arranged    | Christ The King               |              | *NEW Tomorrow’s Engineers ‘EEP Robotics Challenge
See brief in ‘other’ section at the bottom of this note |
| To be arranged    | All Hallows High School       |              | *NEW Tomorrow’s Engineers ‘EEP Robotics Challenge
See brief in ‘other’ section at the bottom of this note |
| To be arranged    | Penwortham Priory            |              | *NEW Tomorrow’s Engineers ‘EEP Robotics Challenge |
| To be mutually agreed | Hutton Grammar School | Group 30 6th Form | **NEW Hutton Grammar: Lower Sixth Enrichment Trip**  
We are looking for an employer who would be happy to have a group of Gifted and Talented Sixth form science pupils to their place of work for a visit.  
Can you offer an industrial visit for up to 30 students? They could be split into two groups.  
Anything Chemistry related would be great - Chemists, Chemical Engineering etc as there are a lot of keen, highly talented chemistry students looking to find out where this can take them. |
|----------------------|----------------------|------------------|-----------------------------------------------|
| To be mutually agreed | Hutton Grammar School | Group 20 Lower Sixth | **NEW Hutton Grammar: Sci Cafe Speakers**  
We are looking for STEM professionals to come and speak for 20 minutes, followed by Q and A, at the fantastic Sci Café at Hutton Grammar near Preston.  
They meet at lunchtime but are flexible on timing and can accommodate whenever STEM Ambassadors can support.  
We are specifically looking for people with Chemistry and Biology backgrounds - they have had a lot of Physicists recently (however this does not mean that Physicists shouldn't volunteer!)  
Please get in touch if you would like to inspire a groups of about 20 Lower Sixth students as to where STEM can take them |
| From January 2016 Onwards | Walton-Le-Dale Preston | LASER CUTTER | Walton le Dale high school is looking for a STEM Ambassador / Employer to help |

See brief in ‘other’ section at the bottom of this note
with a couple of their Design Technology projects.

They are in need of some laser cutting assistance - as they don't have the capability in school.

They would like an employer to help with cutting out a few pieces of work - either for a teacher to come to your place of work or even if they could email the files across depending on distances.

There would only be about five students that would need assistance in cutting card material from a '2D design' file.

If you would like to offer a site visit or any support to the students / to illustrate real life uses of this equipment then that would be fantastic - but any help just cutting out the work would be great.

To be agreed with the STEM Ambassador

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<tr>
<th>Christ The King Preston</th>
<th>Engineering</th>
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<tr>
<td>Christ the King in Preston are looking for support with their STEM Club. Could you drop in and inspire their students / speak to them about your jobs and help them generally with their projects?</td>
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<tr>
<td>They are looking at robotics / engineering type activities and are really flexible. You can pop in for just one session or for several weeks if you want to.</td>
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21st January 2016 At 6.30 pm

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<tr>
<th>Lostock Hall Academy Preston</th>
<th>Careers Fayre support - Lostock Hall Academy</th>
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<tr>
<td>As you have probably guessed I am after help again, we are having our annual Careers Fayre on the 21st of January 2016 at 6.30pm, once again targeting Years 9 - 11 and their parents.</td>
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<td>Please get in touch if you can help - we really value the STEM Ambassadors support</td>
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<tr>
<td>14th - 18th March 2016</td>
<td>Westhead Lathom St James CE Primary School Lane Westhead Lancs L40 6HL</td>
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| **To be mutually agreed** | **Morecambe and Heysham Westgate Primary School** | **Year 3 Age 7-8** | **NEW Magnets**  
In the spring term (up to February half term) our three Year 3 classes are carrying out a topic on the Iron Man and linking all our work to this. As part of our science work, we will be finding out about magnets and how they can be used to separate materials and make things move. We would love any magnet specialist to come and talk about how magnets can be used in everyday life (possibly robots) and do some activities with us. PLEASE! |
| --- | --- | --- | --- |
| **14th – 18th March 2016  During School hours** | **Quernmore Primary School** | **Age 4-11** | **Science Week at Quernmore School**  
I'm looking for someone to visit our children during National Science Week 14th-18th March 2016. It would be fantastic for them to meet someone working in the fields of science/engineering that could inspire them and encourage them to see themselves as the scientists/engineers of the future. |
| **April 4th – 10th 2016** | **Training 2000 Blackburn** | **Year 5 Age 9-10** | **WISE 5's - What is Science and Engineering Primary Event**  
Training 2000 are undertaking What is Science and Engineering (WISE) days for Year 5 Primary pupils during April. 30 students from individual schools will come to T2000 for a day to find out about Science and Engineering and take part in fun activities.  

We are looking for STEM Ambassadors who would like to support either by:  
1. Coming along and supporting/talking to the students about your job and what you do.  
2. Undertaking a hands on challenge / build activity with a small group of students  

This is Primary level and a great opportunity to inspire!  
The WISE 5’s will take place on four/five days and you can commit to as much or as little as time as you can spare |
| **8 – 12 February 2016** | **Richard Durning’s Primary** | **Science Week Activities**  
I am the Science Coordinator at Richard Durning's Primary School in |
Mawdesley, Ormskirk

Mawdesley near Ormskirk, Lancashire. I am planning a Science Week from 8.2.16 - 12.2.16 and wondered if there is any support, or ideas or workshops you could offer. Please help if you can.

| To be arranged with the Ambassador | Morecambe and Heysham Westgate Primary School | Age 7 and 8 2 classes x 90 students | Geology Topic
Morecambe and Heysham Westgate Primary School - Geology

We are carrying out a Stone age topic in Year 3 and as part of this we will be finding out about different types of rocks and testing them to find out what properties they have. We are then going to use this information to make tools similar to those made in the Stone Age. We would like a geologist to come to speak to the children about their work and how we can find out about Earth and life in the past by looking at stones - possibly linking to fossils.
We have 3 year three classes so either 3 ambassadors or someone who could work with all 3 classes across the course of the visit.

| Date to be advised | Olive Primary School Blackburn | Year 3 | Olive Primary School – Light and Shadows Topic
Topic : light and shadows (will get hold of a date for you)
Students will learn to recognise that shadows are formed when the light from a light source is blocked by a solid object.
We are looking for a practical session where they could create shadows and explore how and why they are created.

Other Items of Interest

Royal Society Partnership Grants
The Royal Society Partnership Grants scheme, offering up to £3000 to fund school STEM projects, will be open for the next round of applications in **November 2015**. Partnership Grants are available to schools to enable students, aged 5–18, to carry out science, technology, engineering or mathematics (STEM) projects. Projects need to be investigative and supported by teachers and STEM professionals (research or industry) working in partnership. They should:

- Deliver a better understanding of the latest developments in STEM;
- Improve perceptions of those working in STEM professions;
- Give students pride and ownership in STEM from participation in the investigative process.
*NEW Tomorrow’s Engineers ‘EEP Robotics Challenge’
Volunteer Role Description

Role Purpose
As an EEP volunteer you will be doing one of two roles, or you can do both. By having an engineer in the classroom or at a competition event, students will gain a better understanding about what a career in engineering might look like for them.

Role: In school volunteer: anytime between March and June
Attending in-school EEP Robotics Challenge lessons, providing guidance and support to the students through at least one school visit before a competition event. This will entail attending an after school STEM club or lesson during the school day, to help teams work on a practical robotics challenge. Or it may be in support of the science space research project – a project focusing on problems that NASA are currently looking to solve! All EEP Robotics Challenge resources are provided to the school.

As an In school volunteer you will work alongside students and support the link teacher in school by providing enthusiastic support, careers links and encouragement. You will need to quickly build a relationship with the lead teacher in the school to ensure that the session(s) are running smoothly and regularly. Most importantly you will need to quickly build a good working rapport with the students in the class.

You won’t be doing the tasks for the students, but encouraging them to try and think like an engineer and be a problem solver!

Role: Competition judge: May and June
Alongside other volunteer judges you will attend the all-day EEP Robotics Challenge competition event that the students will have been working towards.

You will be required to judge the different elements of the competition:
- a team work challenge
- a robot challenge
- assessing robot designs
- programming software
- appraising the science space research project
As a judge you will provide encouragement, careers links and positive feedback on team performance. Students taking part in the EEP Robotics Challenge will learn more about engineering in a fun and engaging way.