

Requests for STEM Ambassador Support – Latest Additions

STEM Ambassador Requests (1 2017-18)

FEEDBACK Link

<https://www.surveymoz.com/s3/1991414/HUBLC-Ambassador-Feedback>

Science Week

- Penny Bridge School, Greenodd, Ulverston – 16 to 20 October 2017 – 2 Ambassadors still required:

STEM Ambassadors to engage with the whole School during their Science week – they welcome experiments/workshops/talks and demonstrations linked to all areas of STEM.

First Lego League

- St James C of E Junior School, Wellington Row, Whitehaven – 1 Ambassador required:

Weekly support for the First Lego League Club – times to be confirmed but starting weekly in September until January 2018 – help with robot programming

First Lego League

- Moresby School Whitehaven – 1 Ambassador required:

Weekly support for the First Lego League Club – times to be confirmed but starting weekly in September until January 2018 – help with robot programming

First Lego League - Keswick School

Require STEM Ambassador to support after school session for up to 2 teams entering the First Lego League.

After school club will run from 15.40 until 17.00 approx.

Either Tuesday or Thursday afternoon.

Require a STEM ambassador with previous knowledge/experience of First Lego League.

First Lego – Please check database for all schools.

Engineering Your Future - Lancashire and Cumbria Schools, 2017

MENTORS WANTED for Venue: BAE Systems, ASK Centre, Salmesbury

Engineering Your Future is a series of events held across the UK to promote Engineering and its different variations to 16 – 18 year olds who are studying STEM subjects and have a genuine interest in Engineering as a career. Organised by the Joint Institution Group in Manchester, this is its 11th year, with the format building on previous successes of Workshops hosting by industry professionals and a Lunchtime Marketplace session for any company or organisation interested in promoting Engineering, including HE Institutions.

Each event has approximately 100 students from different schools local to the area and has a Welcome presentation, followed by a carousel of 5 Workshops, with the Lunchtime Marketplace.

Mentor/Guide responsibilities:

Volunteers will be integral for the smooth running and enrichment of the days. As well as being allocated to a group of students to manage the timings of the day and they group programme of workshops, we also hope the Volunteers will talk informally to the students, telling them their story, career pathway and current role, as well as talking generally in an informal way about Engineering.

Please see below for a list of responsibilities for the day:

- a) Welcome the group on registration, keep them together for the day, managing the timetable provided. Outline the programme for the day.
- b) Introduce yourself to your group and talk informally about your background, career choice and pathway and encourage questions as the day passes.
- d) Guide the students round the 5 sessions, keeping time and ensuring the group are together.
- e) Assist the various presenters with their interactive activity where and if required. (This could include helping to give out resources, helping with the delivery, offering one to one help, etc.)
- f) Be pro-active in encouraging the students, particularly during the Lunchtime Marketplace.
- g) Be on hand to answer any individual student queries.
- h) Ensure all students complete the questionnaire at the end of the day.

Activity Date

8th December 2017

Engineering Your Future - Lancashire and Cumbria Schools, 2017

MENTORS WANTED for Venue: Preston, Grasshoppers Rugby Club

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Activity Date

10th November 2017

Walton Le Dale: Careers Fair

Walton Le Dale are once again holding our Careers Fair- this year on Friday 20th October. We would very much like to invite STEM Ambassadors to attend. The details are as follows:

- 8-30 - 9.00 Arrival and set up
- 9.00 Fair commences
- 9.00-10.00 Year 9
- 10.00 -11.00 Year 10
- 11.00-11.20 Break and refreshments
- 11.20 12.20 Year 11
- 12.20 Fair closes

As in previous years we will be asking all contributors to bring a short activity which will give the students a hands on experience related to your occupational sector. Each year group will consist of approximately 140 students.

Activity Date

20th October 2017

Restart a Heart: LANCS and CUMBRIA volunteers wanted

GET INVOLVED WITH RESTART A HEART DAY 2017

Staff and volunteers from North West Ambulance Service (NWAS) will provide free life-saving CPR and defibrillator training to secondary schools in the North West on Restart a Heart Day 2017.

Building on the success of Restart a Heart Day 2016, which saw more than 16,500 students in the North West, and 150,000 nationally, trained in cardiopulmonary resuscitation (CPR) skills, the event will be repeated this year with a national training target of 200,000 students.

Our teams will be going into schools on either Friday 13 October 2017 or Monday 16 October 2017 – the choice is yours.

Anyone can attempt CPR, but the lack of training means that people rarely have the confidence to do so. Only 30% of people who witness a cardiac arrest at home or in a public place will attempt CPR.

Knowing what to do in an extreme emergency situation cannot be underestimated. CPR skills are so simple to learn and they absolutely do save lives. We are targeting secondary schools because children pick up new skills with ease and can take them into adult life.

They are looking for STEM Ambassadors to support this initiative and work with Lancashire and Cumbria schools on these two days - get in touch if you would like to get involved

Activity Date

13th October or 16th October 2017

St Michaels Chorley STEM Activity Day

Please could you put a shout out for any STEM ambassadors that might like to come and help with our Yr10 STEM day in September?

The session is 28th September at St Michaels Chorley

On this day the science, technology and math's departments come together to arrange a day of fun activities for our Year 10 pupils, that will help to develop their skills in these subjects. I am writing to you to invite you to our school on this day so that you can join in with our activities and tell our pupils a bit about your own STEM journey and how you came to be an ambassador for STEM.

Activity Date

28th Sept 2017

Penwortham Priory: Bridge The Gap

Lego LEP Activity - construction skills STEM activity

Activity Date

26th SEPT 2017

St Mary's Brownedge: Bridge The Gap

Lego LEP Activity - construction skills STEM activity

Activity Date

21st SEPT 2017

Holy Cross: Bridge The Gap

Lego LEP Activity - construction skills STEM activity

Activity Date

18th SEPT 2017

Morecambe Bay Community Primary - SPACE

We are planning to hold a whole school Space week from 18th September and are looking for an ambassador who could possibly visit our school and carry out a workshop or experiments connected with Space.

Activity Date

18th - 22nd September 2017

Girl Guiding STEM Opportunity

Girl guiding and the UKSA have recently been awarded a grant by the Royal Astronomical Society to run a project called Reaching for Stars. Part of this is to run activities at Girl guiding's national events. The first one of these is an event called Wellies and Wristbands which takes place on the 25th- 28th August at our centre in Clitheroe and will be attended by 1,500 girls aged 10-18. Unfortunately none of the UKSA Education Team are available that weekend so we were wondering if you have any ambassadors who would be able to suggest some activities which would be suitable and be able to attend on the 26th and 27th to run them. We have budget available to cover expenses. We also have a space suit booked for use at the event on the Saturday!

Activity Date

25 - 28 August 2017

St Aidan's Preesall: Careers Fair

It is that time of year again! The fantastic St Aidan's Preesall careers fair is back and they are looking for support.

The annual Careers Fair at Saint Aidan's this year will take place on Tuesday 14th November (6-8pm).

They would like to hopefully strengthen the representation from STEM career areas so please get in touch if you can help.

They always feed you and the food is great!

Activity Date

14th November 2017

Unity Burnley - Hydroponics

We have had a request from Unity College in Burnley for an employer under the science subject area with knowledge/ experience of Hydroponics – the growth of plants without soil. They have a requirement to support their science curriculum and are looking for a local

business to support them.

They're looking for someone to visit the school rather than send the kids out and there's no specific requirement – just something generic around the careers and skills of Hydroponics in a real business. It would be during the next academic year. Unity would absolutely fit in with whatever you can resource so no specific dates and time.

Activity Date

Autumn Term -

Thomas Witham Speed Networking

Thomas Whitham Sixth Form,
Burnley Campus,
Barden Lane,
Burnley,
Lancashire
BB10 1JD

The purpose of the event is for you to talk about your career path

- What subjects you studied at school, college, university
- What you did next
- What you have done to get where you are now
- Future plans

This will be followed a by Q & A. After 10 minutes, you will swap tables and the process will be repeated. There will be no more than 10 students sat at a table at any one time.

This type of event gives the students the opportunity to learn about different career paths and inspires their future plans. Each student will have a worksheet to note down any answers to questions they ask.

Activity Date

25th September 2017

Britannia Primary Bacup: Year 5

Britannia Primary School in Bacup would like to have someone to come into Year 5 so this would be for 9/10 year olds. There would be 30 of them.

Any time in September or October is goo - whatever is easiest for the STEM Ambassador

Afternoons would be best for us but again we are quite flexible.

It would be great if we could have someone in who could talk about real life jobs and stress the need to continue with Science further on in education. I don't think a lot of children understand that science doesn't always end up in a lab. And maybe just some team activities. similar to the water timer/ Dyson challenges (ask STEMFirst and we will provide any volunteers with some)

Please get in touch if you can support this really keen Primary School

Activity Date

September or October 2017

Walton Le Dale: Mock Interview Day 2017

Walton Le Dale are holding their mock interview day for their students on 7th December 8.30am - 12.20pm.

As we are looking for interviewers who can deliver 6 individual generic interviews for various employment opportunities.

This is a great general STEM activity - with no preparation required and a great chance to help the students develop their skills.

Please contact us if you can help

Activity Date

7th December 2017