



## **ARE YOU A WORKING PARENT?**

**If you answer YES to any of these questions we would love to hear from you!**

Do you work within a STEM Industry? (Science, Technology, Engineering or Maths)

Would you like to inspire and engage young people to follow your career path?

Would you like to run a STEM Club in your local school?

Would you go into your school and give a STEM related talk?

Would you be able to mentor a STEM project?

Would your company be able to offer a research placement to a Y12 student over the summer?

Would your company provide local schools with any resources or funding towards STEM learning?

Would your company sponsor a SETPOINT workshop, making it more affordable for schools to take part?

Would your company like to exhibit at The Big Bang Fair Eastern on 28th June 2017, Anglia Ruskin University, Chelmsford?

### ***Who are SETPOINT Hertfordshire?***

We are an educational charity whose aim is to inspire young people in science, technology, engineering and maths (STEM). We do this by engaging school pupils in memorable experiences and by introducing them to professional scientists, technologists, engineers and mathematicians. We have 30 years of experience of working at the interface of education and local STEM based business, industry and research.

### ***Why does SETPOINT Hertfordshire exist?***

We believe that teachers are experts at teaching students the subjects they need to succeed in academic life and beyond. We provide insight and greater awareness of where those subjects could lead – by linking the world of work to the world of learning. We broaden pupils' horizons, showing the wide variety of jobs, careers and professions which are dependent on a solid grounding in STEM subjects at school. We aspire to helping to ensure sustainable economic prosperity by nurturing and strengthening our national capability in science, engineering and technology and contributing towards a better-informed society.

### ***What do SETPOINT Hertfordshire do?***

We achieve our aims in a number of ways, but always with the young person and their future clearly in mind:

- We annually run over 250 hands on primary workshops covering all aspects of the KS1 and KS2 science, technology and maths curriculum and work with schools to provide work related learning days for pupils at secondary level.
- The K'Nex Challenge is annually delivered to 100 primary schools with over 5000 students taking part in this hugely popular design and build engineering challenge.
- During the 2015/2016 academic year our schemes, workshops and equipment loans enriched the learning experiences of 45,000 pupils.
- Each year we co-ordinate 10% of the total UK allocation of Nuffield Research Placements for year 12 students across Herts, Beds, Berks, Bucks, Oxon & East Anglia, catalysing the careers of 100 STEM professionals of the future.

- We are the regional coordinators of the British Science Association's CREST (creativity in science & technology) awards, giving young people the chance to develop their skills in scientific inquiry and teamwork during STEM clubs at school, organise the Big Bang Fair Eastern regional events, that promote greater engagement with science, technology and engineering for young people.
- We are working with the STEM Ambassador Hub Central South England, Winchester Science Centre and Planetarium, to help schools access over 900+ STEM ambassadors in our area - professionals from local business, industry and research – FREE OF CHARGE.
- We provide a challenge for primary schools and an annual lecture series for secondary schools as part of British Science Week, led by experienced scientists and engineers FREE of charge, thanks to sponsorship by Hertfordshire companies.

### ***How do SETPOINT Hertfordshire operate?***

Generous hosting from MBDA in Stevenage, a multinational engineering company, allows us to centralise and leverage the knowledge, skills and schemes of many volunteers, companies and charities all promoting greater engagement with STEM subjects and widening access to STEM higher education, apprenticeships and careers. We have an efficient office team and contract the services of experienced educational consultants and workshop leaders. Our Board of Trustees comprises of head teachers and leaders from academia and industry.

***There are many opportunities to sponsor aspects of our work. Please contact [helen.spencer@setpointherts.org.uk](mailto:helen.spencer@setpointherts.org.uk) for an informal discussion about collaboration.***





Inspiring young people about "STEM"  
Science, Technology, Engineering and Maths

