

STEM NEWS – January 2015

(Science, Technology, Engineering and Maths.)

Dear Teachers,

Welcome to STEM Cumbria's latest newsletter, packed with opportunities and exciting STEM events that aim to raise student's awareness of the rich choice of fulfilling and well paid STEM careers.

CREST Star

Hands on science investigations for Primary Schools 5-11yr olds.

Register for our [online membership scheme](http://www.britishecienceassociation.org/creststar)

www.britishecienceassociation.org/creststar.

CREST Star investigators in now available as a new online membership scheme. Registration costs just £40 with an annual renewal fee of £20 payable after the first 12 months.

Already bought the packs? CREST Star schools can join for free! And there are 10 new investigations not included in any pack.

About CREST Star

CREST Star is a UK-wide award scheme enabling children, usually aged 5 - 11, to solve science, technology, engineering, and maths (STEM) problems through practical investigation.

Launched in 2007 CREST Star is used in over 3000 primary and special educational needs schools across the UK as well as several international schools overseas.

CREST Star is supported by URENCO:



STEMNET is really pleased to announce the launch of STEM Clubs Week. This will take place Monday 02 –Friday 06 February 2015.

STEM Clubs Week is for all secondary schools throughout the UK. For those schools already with a STEM Club will ideally meet as normal and take part in a national celebration of STEM Clubs. For those schools that don't currently have a STEM Club, then it is an ideal opportunity to set one up and get started with some exciting national involvement.

The theme for STEM Clubs Week is *Celebrating Diversity* and resources will be available that teachers can use for any kind of STEM Club. STEM Clubs will also be able to create their own activities within the theme. www.stemclubs.net/stem-clubs-week-2015.

If your school runs a STEM club, please keep us updated on your activities and details.



STEM Ambassadors.

Available to all

Visit www.stemnet.org.uk for STEM Ambassador information



In Cumbria we are fortunate to have just over 800 STEM Ambassadors registered who are a free resource, depending on availability, accessible by all schools to help in delivering STEM subjects in schools and to offer hands on careers advice and to share their experiences where possible. Our Ambassadors all work and represent industry and companies such as Sellafield, BAE Systems, TFP, Croppers, Innovia, Glaxo Smith Kline.



STEMNET

STEMNET creates opportunities to inspire young people in Science, Technology, Engineering and Mathematics (STEM). This enables young people to develop their creativity, problem-solving and employability skills, widens their choices and supports the UK's future competitiveness.

STEMNET helps encourage young people to be well informed about STEM, fully in debate, and make decisions about STEM related issues.

STEMNET has received funding from the Department of Trade and Industry since 1996 and now continues to enjoy support from the Department for Business, Innovation, and Skills and the Department for Education. As a national organisation, it works hard to ensure that no region of the country is disadvantaged, by comparison with any other, with respect to STEM opportunities.

Discovery Friday at the Big Bang Fair

The BSA are working with the Big Bang Fair to invite those that have taken part in CREST Discovery Award projects to present their projects at the Fair on Friday 13th March 2015, bursary support will be available. Further specifics will be shared when finalised but for now, keep this opportunity in mind and promote it to any schools participating in CREST Discovery Awards and if you receive any enquiries about this, please pass them on to crest@britishscienceassociation.org

Registration for The Big Bang Fair 2015 is now open.

Schools and families can book free tickets via the website www.thebigbangfair.co.uk. The Fair will be held at The NEC, Birmingham from 11-14 March 2015.



World Space Week 2015

The theme for this year's United Nations World Space Week is Space: Guiding Your Way, satellite navigation systems and their use in everyday lives - without the network of satellites, orbiting about 20,000 km from the surface of the Earth, many services we take for granted would not exist. [See what is happening near you.](#)

Placements for STEM teachers

The Teacher Industrial Partners' Scheme (TIPS) organises placements for STEM teachers with engineering and technology employers. Financial support is available for teachers from state maintained schools to allow them to participate in the scheme. An ENTHUSE Award bursary of £1,400 will help schools cover the costs of supply cover. [Apply here.](#)

School Biology Teacher of the Year Award

KS3/4

Do you know an amazing teacher of biology that deserves recognition? Why not [nominate them](#) for the School Biology Teacher of the Year Award to recognise their talent and skill

Contact us for advice and guidance on amanda@stemcumbria.co.uk.

Our address is
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Our small team in the office consists of Tony Gill, Director, Wilma Buckley, Office Manager, Dani Haydock our STEM Ambassador Co-ordinator and Amanda Eastwood, Schools Liaison Officer..
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Regards
Amanda

