

Funding and Information News – October 2011

Teaching Numeracy, Science and Technology to KS1, KS2 and KS3

KRL/CRL have been using K'NEX to teach Numeracy, Science and Technology directly to young people across the UK. One of the most popular sessions is a Numeracy day delivered to 5 or 6 classes in KS2/3 a day based around Bridge Building. It lasts an hour per class (but can be expanded to last 1.5 or 2 hours if required). Typical session is as follows:

- 0.00 Activity - Build a Beam bridge (instructions provided) and test it for strength
- 0.10 Activity - Convert the Beam bridge into a Warren Truss bridge (instructions provided) and test it for strength
- 0.15 Discussion on why it's stronger (triangles used) and why some shapes are stronger than others (angles and two sides supporting instead of one etc)
- 0.20 Challenge - using triangles strengthen your bridge (no instructions)
- 0.30 Bridge taken apart
- 0.35 Challenge - measure a gap of 75cm between two chairs and build a bridge to bridge the gap (no instructions). This challenge will be timed.
- 0.50 Challenge - work out how much your bridge costs to make on the worksheets
- 0.55 Take bridge apart and put back in box.
- 1.00 Session ends

KRL/CRL provide the K'NEX, tape measures, calculators, PowerPoint instructions, worksheets and the tutor. All KRL/CRL tutors are CRB checked and have experience in working in schools. KRL/CRL have many other K'NEX courses that can be delivered to meet the needs of the curriculum and further details are at

<http://www.karenroutledge.co.uk/knex.html>

Free Green Resources and Prizes to Be Won

There's everything you need to teach sustainability for free at the British Gas Generation Green website. There's engaging, curriculum compliant teaching resources for ages 4-14 years. Most popular downloads include:

- Made and Edible Pond
- The Eco house
- Turn Down, Turn Off
- Insulation Inside Out
- Share lesson plans

They're giving 25 schools loft and/or cavity wall insulation to keep their heat in and energy bills down, as well as amazing money-can't-buy experiences for the whole class for the 6 runners up.

Every time you download or upload lesson plans or complete activities, you will receive one entry into the prize draw, which closes on 12th December 2012.

You need to be registered to win, so if you haven't already, go to <http://www.generationgreen.co.uk/> to join and for further information.

Events and Free Classroom Resources

The Science Museum offers free downloadable resources for Foundation and Key Stage 1 up to Key Stage 4. There are also games to be played!

The website outlines group events that are taking place, planning and booking a visit, what's on for teachers and informs you that Science Museum comes to you! They can bring dynamic curriculum-linked shows and workshops into your school, community group or science club. Go to

<http://www.sciencemuseum.org.uk/educators.aspx> for more information.

Government Opens £20m Fund Giving Grants of £100,000 Plus

The Office for Civil Society has opened a £20m fund offering grants starting at £100,000 for charities, businesses and public sector bodies to run social action projects.

The deadline for grant applications will be noon on Wednesday 2nd November 2011. A second application window will open in early 2012. Further information can be found at

http://www.civilsociety.co.uk/finance/news/content/10637/government_opens_fund_giving_grants_of_100000_plus

Award Nominations In England Are Now Open!

The Adult Learners' Week Awards recognise outstanding adult learners and inspiring learning projects. The awards are a great way to celebrate your students, colleagues, family or friends.

Everyone nominated for an Adult Learners' Week Award will receive a Certificate of Achievement. Winners will receive a learning voucher, valued between £200 and £1000, and will be presented with their awards at a ceremony during Adult Learners' Week (12 - 18 May 2012). The closing date is 5pm on Friday 27 January 2012. Go to <http://www.alw.org.uk/> for information.

Free TV Training and Experience

Worldbytes, a unique online Citizen TV channel set up and run by the education charity Worldwrite, is looking for young people interested in volunteering as Citizen TV makers.

For further information or to make an application go to <http://www.worldbytes.org/become-a-volunteer/>

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