

STEM ebulletin

October 2017

Welcome to our e-bulletin for sciences, technologies, engineering and maths (STEM). Please forward to those who may be interested.

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STEM

- Achievements of women in STEM – celebrate [Ada Lovelace Day](#).
- Embed employability skills – read the [Career Education Standard \(3-18\)](#).
- Download new Gender Balance [action guides](#) for early learning, primary and secondary.
- [£20,000 bursaries](#) announced to encourage recruitment of STEM teachers.
- Work is changing forever! Watch [Speed of Change](#) video.
- Check out the new suite of Careers Hive [STEM videos](#).

Sciences

- Check out [Explorify](#) for engaging primary science resources to stimulate discussion.
- See the wide range of [grants and funding](#) for school and community projects.
- Download [Sciences Benchmarks](#) with suggested links to literacy, numeracy and technologies.
- Girls into STEM – hear how a student from Scottish Borders got on in [New York](#).
- New on [Open Science Lab](#) – genetic testing, gas chromatography and mass spectroscopy.

Technologies

- See digital literacy & computing science materials on the new-look Technologies [Glow Community](#).
- Digital Schools Award Scotland – [Sign up](#) to join nursery, primary, ASN and now secondary schools!
- Blend computing science into [art, music and languages](#).
- Sign up for your free teacher survival [Barefoot Computing](#) guide.
- [Hello World](#) – Digital Making and Computing magazine for educators.
- Discover resources, support and online resources on the Scottish [Microsoft Community](#).
- Sign up to the [Apple Educators](#) , [Google](#) & [Raspberry Pi](#) community news.

Mathematics

- Scotland's first-ever [Maths Week](#) – exemplar activities will be shared on National Improvement Hub soon.
- [Guardian podcast](#) – From zero to infinity: a brief history of counting
- Take part in the 2017 UKMT Primary Team [Maths Challenge](#).