

May/June 2020

London & Essex Computing Hub newsletter

We hope you are continuing to keep safe and well during the coronavirus pandemic.

Computing Hubs across the country are continuing to provide remote-delivered FREE CPD to better equip teachers upon their return to school. Details on this and links to other help and support for schools and teachers are listed below.

Follow us on twitter [@cs_essex](https://twitter.com/cs_essex) for more updates.

FREE remote-delivered CPD and online courses for teachers

We continue to provide FREE remote-delivered Continuous Professional Development courses (with bursaries) for primary and secondary schools/FE teachers, as part of a country-wide programme from Teach Computing. Courses organised by our Hub can be found on our website at <https://www.setsa.info/1546/courses> and cover the following topics:

Primary

Teaching and Leading key stage 1 computing – Module 1
Teaching and Leading key stage 2 computing – Module 2

Secondary

Introduction to algorithms, programming and data in GCSE Computer science (part of the CS Accelerator programme)

These courses consist of two or three remote-delivered sessions (usually 1-hour long) on different days, (plus participant tasks), and are delivered in real-time by experienced facilitators.

Further remote-delivered courses, organised by other Hubs across the country can be found on the Teach Computing website at: <https://teachcomputing.org/> and clicking through to either Primary or Secondary in the top right corner.

A range of **online** courses for primary and secondary teachers are also available. These are hosted by FutureLearn, and are FREE if accessed via the Teach Computing website at <https://teachcomputing.org/courses?location=Online>

Support & training for Trainee Teachers

It is a very challenging time for trainee teachers who under normal circumstances would now be consolidating their skills and knowledge in a school environment. If you are in this situation, you can now access a range of primary and secondary computing and science CPD opportunities. Full details at: <https://www.stem.org.uk/news-and-views/opinions/trainee-teacher-we-are-here-help>

ITT providers

If you are an ITT provider STEM learning can work with and support your computing and non-computing trainees with a bespoke tailored approach. If this sounds of interest contact Paul Thornton at STEM Learning: p.thornton@stem.org.uk

Resource repository for teachers

We have a fantastic resource repository with a library of lesson plans, units and activities that can be used to teach your pupils. <https://teachcomputing.org/resources>

Free resources for home learning and continuing in-school delivery

STEM Learning is working hard to develop and roll out a range of FREE materials for everyone to access. They include:

- Resources for home learning (including links to other sites, such as Scratch and Scratch Junior)
- Hands-on activities that can be used to engage young people of all ages with science, technology, engineering and maths.
- A selection of cross-curricular activities to support continuing in-school delivery

Find out more at: <https://www.stem.org.uk/home-learning> or read the blog at: <https://blog.teachcomputing.org/online-support-for-teachers-and-home-learning/>

Key Stage 3 Computing – Webinar – 17th June 2020

The Mayor of London's office have teamed up with the NCCE and STEM Learning to create a series of webinars to support teachers, parents and students during the school closures. The Mayor is committed to improving access to high-quality STEM education and the goal for these online sessions is to enable everyone to keep learning from home. Full details here:

<https://www.london.gov.uk/what-we-do/education-and-youth/london-curriculum/webinars>

To register for the **Key Stage 3 Computing for Non-Specialist Teachers: CPD Webinar** on 17th June click here: <https://www.eventbrite.co.uk/e/key-stage-3-computing-for-non-specialist-teachers-cpd-webinar-tickets-107587737820>

Subject Matter Experts (SMEs) – support for remote teaching software

The NCCEs Computing Subject Matter Experts are now available to support ALL state-maintained schools on Google or Microsoft remote products, to help you continue to provide education to your students. To be put in contact with your local SME, please contact us at c.anderson@setsa.info.

Podcasts

You can listen to the NCCEs podcasts and hear experts, teachers and educators discussing their approaches to key teaching issues. <https://blog.teachcomputing.org/tag/podcast/>

A level teachers and students

A Level teachers and their students can log on to the Isaac Computer Science platform for easy to use resources and activities on a range of topics: <https://isaacomputerscience.org/>

Computing at School

Computing at School have announced the launch of the **CAS Virtual Showcase**, a two-week packed programme running from Monday 22 June to Friday 3 July. The showcase will bring together the computing community, experts and guest speakers to offer over 50 online events and webinars. Full details at: https://www.computingatschool.org.uk/news_items/918

Keep up to date with what is happening in your area by joining your local CAS Community of Practice, and joining the conversation at virtual Community Meetings, through the CAS Forum and via Facebook:

<https://www.computingatschool.org.uk/>
<https://www.facebook.com/ComputingAtSchool/>



Additional webchat support

Do you have questions that need answering? STEM Learning's subject experts are available weekdays from 8:30am to 4.30pm via webchat, which you can find at the bottom right hand corner of every page on the STEM website <http://stem.org.uk>

Other useful websites & twitter accounts:

Southend, Essex & Thurrock Science Learning Partnership: www.setsa.info



[@SET_Science](https://twitter.com/SET_Science)



National Centre for Computing Education: teachcomputing.org @WeAreComputing

STEM learning: <https://www.stem.org.uk/> @STEMLearningUK

BCS, The Chartered Institute for IT: <https://www.bcs.org/> @bcs

Raspberry Pi: <https://www.raspberrypi.org/> @Raspberry_Pi

Barefoot Computing: <https://www.barefootcomputing.org/> @BarefootComp

Computing at School: <https://www.computingatschool.org.uk/> @CompAtSch

BBC Bitesize: <https://www.bbc.co.uk/bitesize> @bbcbitesize

Get in touch with the Computing Hub

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 Find us on Twitter! https://twitter.com/cs_essex

