



We are off once again: September 2021

London & Home Counties Computing Hub Community

The autumn term has begun so it is time to start thinking about what training and support you need now with your teaching or what professional development do you need for your career plans. Can we as your local Computing Hub help?

Read on to see what we can offer you at the start of term.

As ever, please don't hesitate to contact us if there are other ways that we can support you.

Contact us via: teachcomputing@lgs.slough.sch.uk

Follow us on Twitter [@CompHubLGS](https://twitter.com/CompHubLGS)

Remote CPD for teachers

[KS3 computing for non-specialists – remote CE445](#)
23 September (9:00 - 15:30)

[Teaching and leading key stage 1 computing - module 2 - remote CE451](#)
27 September (9:00-15:00)

[Python Programming CS: sequence, selection & iteration - remote CE423](#)
30 September (9:00 - 15:30)

[Teaching and leading key stage 2 computing - module 2 - remote CE453](#)
4 October (9:00 - 15:30)

[Python Programming Projects Advanced Subject Knowledge – remote CE463](#)
4 October 14:30-17:30
5 October 16:00-17:30

[Leading Primary computing \(2 days\) –remote CE456](#)
12 and 19 October (9:00-15:00)

[Introduction to computer systems, networking and security in GCSE computer science – remote CE438](#)
18 October 10:00-16:00

[Algorithm using flowcharts and pseudocode - remote CE420](#)
21 October (9:00-15:00)

[Introduction to computer systems, networking and security in GCSE computer science – remote CE438](#)
1 November 14:30-17:30
2 November 16:00-17:30

[Teaching GCSE Computer Science: improving student engagement – remote CE447](#)
4 November 9:00 - 16:00

[Assessment of secondary computing – remote CE413](#)
5 November 16:00-17:30

[Higher Attainment in GCSE computer science - meeting the challenge of exams - remote CE439](#)
11 November 9:00 - 16:00

Other courses available this term can be found on the teachcomputing web site.

[Click here for full range of courses](#)

What we can offer!

Needs Analysis



We can complete a one-hour review of your computing provision in your primary or secondary school and help you develop your computing curriculum through a needs analysis.

Take the opportunity to have a 'Health check' where we can find out more about the delivery of computing in your school. We can generate a report that will identify how you can utilise the wider range of free support we provide, including; CPD, mentoring, coaching, and resource lending.

[Request needs analysis form](#)

Loaning Physical Kits

We can provide your school with hardware help with the teaching of coding and computer-related subjects. From October we will have available class sets of the following devices with all of the peripherals you will need to teach a unit from the **teachcomputing curriculum** for loan.

- Crumbles
- Micro:bits
- Raspberry Pi Picos

We can also provide CPD on how to use the physical kits.

Please submit your request into the form below, along with anything else you would like to know related to the request.

[Request physical kit loan form](#)

Take a look

Get Smart about Play New workshop resources



The Get Smart About P.L.A.Y. resources have been developed in collaboration with Ask About Games, to raise learners' understanding of safe and sensible play.

This scheme of work is bursting with expertise and insightful information to equip learners with information about key topics around modern games.

[Download resources](#)

Cyber First Girls Development Days Girls Development Days

Helping girls explore their passion for computers and technology and introducing them to the fascinating world of cyber security.



Get your girls to join this October, at the CyberFirst Girls Development Days for a fun, scenario-based, interactive learning experience. Hear from inspirational guest speakers and trailblazing women leaders working in the cyber industry.

For girls in year 8/9.

Check out the **half term virtual dates**.

[Check out the opportunity](#)

Creative and Fun!

Enter the animation challenge for YAY UK



If you're in the UK aged between 11-18, try out some short challenges set by some top UK animation studios including Aardman Animations, Lupus Films & Blue Zoo Animation Studio. Keep your eyes peeled for a competition coming soon!

Create now

Digital Schoolhouse - junior esports



The Digital Schoolhouse junior esports tournament is an immersive careers experience for pupils aged 8 to 11 years. With project-based learning that allows aspiring learners to fulfil real job roles within the video games industry, resources are mapped to the UK primary curriculum for Computing, English, Maths, DT and PSHE, ensuring that you can easily deliver these unique lessons in the classroom.

Book now

Read More!

HelloWorld Magazine

This issue focuses on data science and data literacy; it is full of teaching ideas and inspiration to help you and your students use data to make decisions and to make sense of the world.



Read more

'Cyber Security and Privacy' magazine



Catch up on the latest CS4FN blog: 'I know where your cat lives (privacy and metadata)'

Or read the latest CS4FN magazine: [Issue 24: Keep Out: Cyber Security and Privacy](#)

Read articles