



February 2022

London & Home Counties Computing Hub Community

We are past the January slump now so it is time to think about how we, the London & Home Counties Computing Hub, can support you. Please take the time to look at our newsletter and see what we can offer you.

Does your computing curriculum need a pick me up? Are you struggling with the computing understanding? Then read on.

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

Contact: teachcomputing@lgs.slough.sch.uk **Twitter:** [@CompHubLGS](https://twitter.com/CompHubLGS) **Web:** [LGS Computing Hub](https://www.lgs.slough.sch.uk/computing)

Remote CPD for teachers

[New subject leaders of secondary computing – remote CE411](#)

14 February & 4 Mar 9:00 – 15:00

[Python programming constructs: sequencing, selection & iteration – remote CE423](#)

21 February 9:00 – 15:30

[Teaching key stage 1 computing - Module 2 - remote CE451](#)

22 February 13:00 – 15:30 & 1 March 13:00 – 15:30

[Python programming: Working with data - remote CP433](#)

23 February 9:00 – 15:30

[Representing algorithms using flowcharts and pseudocode- remote CE420](#)

24 February 9:00 – 14:30

[Primary programming and algorithms – remote CE455](#)

24 February 13:00 -15:30 & 3 March 13:00 – 16:10

[Leading Primary computing – remote CE456](#)

8 March 9:00 – 15:00 & 15 March 9:00 – 14:30

[Teaching key stage 2 computing - Module 1 - remote CE452](#)

10 March 13:00 – 15:50 & 17 March 13:00 – 15:20



[Teaching key stage 2 computing - Module 2 - remote CE453](#)

22 March 13:00 – 16:10 & 29 March 13:00 – 15:30

[Python programming: working with data - face to face CE233](#) + Optional 90 mins - CSA revision session (with catering)

25 March 9:30 – 16:30

[Fundamentals of computer networks - face to face CE222](#) + Optional 90 mins - CSA revision session (with catering)

32 March 9:30 – 16:30

London & Home Counties Computing Hub courses

We can support you!

What do you need? FREE computing curriculum check up

We can complete a 30-60 minute curriculum 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.

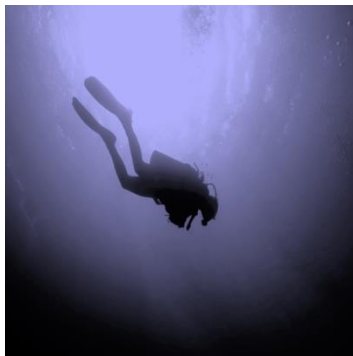
Request needs analysis form

Secondary Deep Dive in Computing - Webinar

Secondary Deep Dive in Computing with teach computing's Subject Matter Expert Shorifa Khanam
2 March 2022 16:30 – 17:30

Explore what a 'deep dive' in Computing looks like and consider questions asked by inspectors.

Review 'Top Tips' from recently inspected schools and their experience.



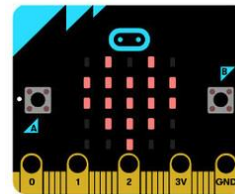
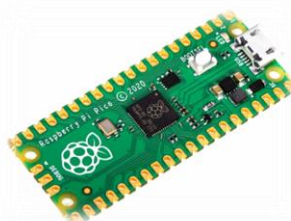
Book now!

Loaning Physical Kits Amazing offer so take advantage

We can provide your school with hardware help with the teaching of coding and computer-related subjects.



Read the [blog](#) to see why physical computing is so important.



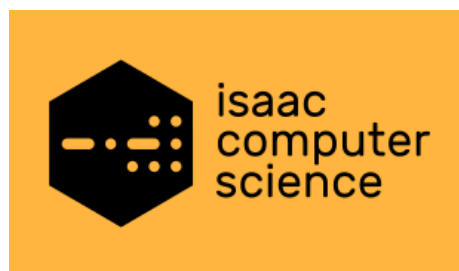
We have class sets of: Crumbles, Micro:bits, Raspberry Pi Picos with all the peripherals.

We can also provide CPD on how to use the physical kits just complete the request form below.

Request physical kit loan form

ISAAC courses

A Level Computing support.



Support your A Level Computing students with **student booster sessions**:

14 February A Level student booster - [Databases and SQL](#)

21 March A Level student booster - [Algorithmic complexity](#)

Support teachers with A Level Computing **teacher CPD**

7 March A Level Teacher CPD - [Maths and Data representation](#)

Creative and Fun!

Safer Internet Day Schools challenge

Safer Internet Day challenge resources – the topic this time is “All fun and games” with a focus on playing video games safely online.

Computing At School, SafeToNet and Digital Schoolhouse have come together to produce a pack of resources for teachers which assists pupils to design a video game. This pack includes:

- Activity plans
- Four different activity worksheets in KS1, KS2 and KS3 formats
- Links to additional resources and assemblies
- Certificates to create a class or school challenge.

Access these free resources

Mobo Game Jam Game making challenge



Individuals and teams aged 8 - 18 are challenged to create a games prototype to help solve a worldwide issue 🌍

Deadline for submission 25 February

Young innovators challenged to create a games prototype within a team or as an individual. Creators are encouraged to combine creativity, compassion and computational thinking to find a solution to **cleaner air** across the globe.

There're lots of goodies up for grabs including some epic **cash prizes**!

Get your students involved



Digital Schoolhouse Rabbids Coding



Digital Schoolhouse and Ubisoft Reflections have launched a new suite of **free downloadable learning resources** to accompany Rabbids Coding game

Rabbids Coding introduces learners of all ages to the basics of programming and algorithmic logic through a series of fun, increasingly challenging, levels set within the chaotic Rabbids universe. In each level the player will have to find the best algorithm with the smallest number of code blocks to achieve the goal.

Download learning resources