March 2022

London & Home Counties Computing Hub Community

Can we support you before Easter arrives? Take a look through our newsletter to see what we have on offer in terms of CPD courses, support and enrichment.

Contact: teachcomputing@lgs.slough.sch.uk **Twitter:** @CompHubLGS **Web:** LGS Computing Hub

Secondary CPD for teachers

Complete one of our short courses to get you started.

Getting started with Python programming – short course 20 April 15:45 – 17:15

Introduction to Isaac GCSE computer science - short course 21 April 15:45 – 17:15

How about completing one of our full day remote courses.

Representing algorithms using flowcharts and pseudocode - remote 4 April 9:00 – 15:40

Supporting GCSE computer science students at grades 1-3 remote 26 April 9:00 – 15:55

The internet and cyber security – remote 28 April 9:00 – 15:40

Computer systems: input, output and storage – remote 5 May 9:00 – 15:00

Search and sort algorithms – remote 9 May 9:00 – 15:15

Foundation knowledge of computer science for KS3 and GCSE – remote 16 May 9:00 – 15:45

Python programming constructs: sequencing, selection & iteration – remote 20 May 9:00 – 15:50

Higher attainment in computer science - remote 20 May 9:00 – 15:30

An Introduction to algorithms, programming and data in computer science – remote 23 May 9:00 – 15:30

Python programming: working with data – remote 27 May 9:00 – 16:00

Fundamentals of computer networks – remote 6 June 9:00 – 16:05

An introduction to computer systems, networking and security in computer science – remote 10 June 9:00 – 15:00

A new job role and you need support?

New subject leaders of secondary computing –remote 1 & 5 July 9:00 – 15:00

Ready to take the CSA test and need support?

CS Champion support & Easter egg encouragement

Are you ready to take the 30 minute test or need a few more hours of CPD?

Work with our CS Champion to help you prepare. When you complete the programme and pass the test you will receive you CSA certificate AND your school will receive the bursary of £920.

Preparing to take the CSA test - short course - 31 March 16:30 – 19:30

Preparing to take the CSA test - short course – 1 April 15:30 – 18:30

Preparing to take the CSA test - short course – 22 April 15:30 – 18:30

Preparing to take the CSA test - short course – 6 May 15:30 – 18:30

Preparing to take the CSA test - short course – 2- May 15:30 – 18:30

Preparing to take the CSA test - short course – 10 June 15:30 – 18:30

Preparing to take the CSA test - short course – 24 June – 15:30 – 18:30

Preparing to take the CSA test - short course – 8 July – 15:30 – 18:30

As a fun incentive we are sending some encouragement by offering an **Easter egg prize** if you complete and pass your CSA test before Easter Sunday.

Primary CPD

Getting started with Y5 – remote 28 April 15:45 - 17:15

Teaching key stage 1 computing - Module 1 - remote 27 & 29 April 13:30 – 15:40

Teaching key stage 2 computing - Module 1 - remote 9 & 11 May 13:30 – 15:40

Leading Primary computing - remote 10 May 9:00 – 15:00 & 17 May 9:00 – 14:30

Getting started with Y4 – remote 11 May 15:45 - 17:15

Getting started with Y3 – remote 12 May 15:45 – 17:15

Getting started with Y6 – remote 18 May 15:45 – 17:15

Teaching key stage 1 computing - Module 2 - remote 23 & 25 May 13:30 – 15:30

Teaching key stage 2 computing - Module 2 - remote 6 & 8 June 13:30 – 15:40

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

ISAAC courses
A Level Computing support.

isaac computer science

Teacher CPD: New to A level Programming Fundamentals

Teacher CPD: Using online IDEs to structure programming lessons and provide timely feedback

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

To see all the up and coming events click on the link below.

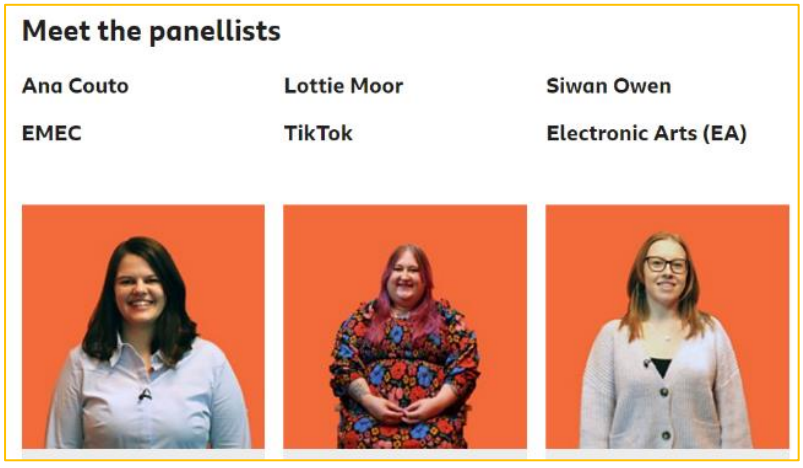
Link to events

For your students

Careers in technology
Bitesize

Technology panel discussion with Rory Reid

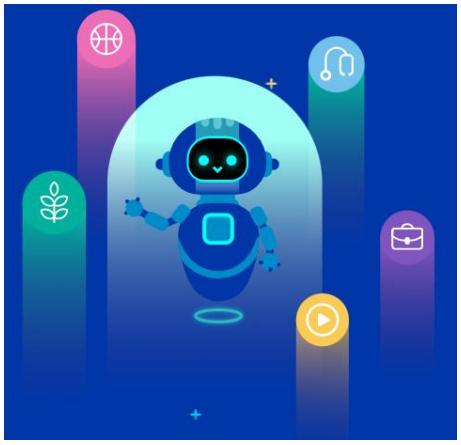
Rory Reid talks to three people who work in the technology sector about what life is really like in their varied roles. They reveal their stories about how they got started, their personal experiences and challenges they have overcome, as well what the future career opportunities could be in their job sector.



Follow the link

Engaging and Fun!

Cyber Explorers
Careers of the future demand digital skills



A fun, free and interactive learning platform for future digital superstars. An exciting addition to UK curriculum delivery or after school activities.

- It is developed for 11-14 year old students with
- Multiple challenges and character career paths to explore.
- Badges earned as students navigate through Cyber City.
- An exciting ultimate challenge to put cyber skills to the test.
- 10 - 15 min learning time per episode.
- 100% Free. No ads. No subscription fees

Register your school

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