



Summer is nearly here! – May 2021

## The latest from our Computing Hub Community!

We hope that all is well in your schools and that you are enjoying the gradual easing of restrictions. It is still a very different summer term than we are used to, but we hope you can still find the time to look at some of the courses and activities on offer from your local computing community.

To see the complete offer from computing hubs across the south of England for next term, have a look at these e-books:

[Secondary e-book](#) and [Primary e-book](#)

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](mailto:teachcomputing@lgs.slough.sch.uk)

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

### Remote CPD for teachers

[Representing Algorithms using Flowcharts and Pseudocode](#) -Starting 14.07.21

[Introduction to computer systems networking and security in GCSE computer science](#) - Starting 9.6.21

[Higher Attainment in GCSE Computer Science](#) - Starting 16.06.21

[Leading Primary Computing](#) – 2 day course - Starting 22.06.21 and 29.06.21

[Python programming projects](#) - Starting 22.06.21

[Introduction to primary computing](#) - Starting 21.07.21

Other courses have come available online this summer term include second subject courses and collaboration in KS3 computing.

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

### Can a non-specialist teach computing?



Computing is an evolving and exciting subject to teach that opens up career options. This pathway will support you, as a non-computing specialist teacher, to becoming upskilled with the subject knowledge and confidence to teach computing.

[Read the blog](#)

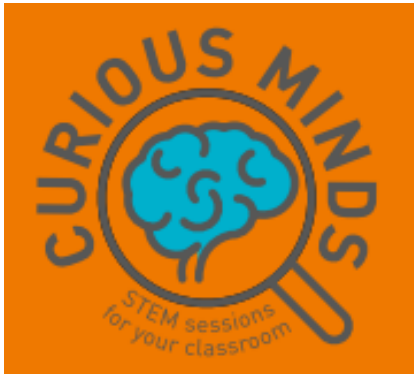
Check out!

## Data Literacy with Space Invaders

22 June 14:00 – 14:45 (available for 6 schools/classrooms)

### Workshop KS2 (Year 4 to 6)

Join Kabir from Kids in Data for a virtual workshop where students will learn about what data literacy means, what data is and how to work with data.



Data literacy is an essential skill in this digital era. In this workshop, students will learn about what data literacy means, what data is and how to work with data. And students will do all of these while playing games, Space Invaders to be precise. Let's make data fun!

[Book the event](#)

## Need curriculum guidance?



The National Centre for Computing Education have released four fantastic teacher guides as a companion to our Teach Computing Curriculum.

- [Key Stage 1](#)
- [Key Stage 2](#)
- [Key Stage 3](#)
- [Key Stage 4](#)

[Take a look](#)

## Need a support network?

Join the STEM Community to build a supportive network and explore ways to develop your teaching.



And don't forget to download the app on the [App store](#) or [Google play](#).

[Sign up](#)

## STEM NOW

**Please check out the STEM NOW events calendar**

May – July 21



The STEM NOW Team runs bespoke STEM events throughout the South of England.

[Events calendar](#)

## Inspire the Next Generation

### Coding Success

Coding Success is a new programme designed to excite 8 to 14 year olds about STEM.



Fully funded by BAE Systems, the Royal Navy and the Royal Air Force, the programme provides non-selective state schools with teacher training, engaging lesson plans and free LEGO® kits for the classroom.

[Read more](#)

## CodinGame



Get your students to improve their skills by solving algorithmic puzzles. They can discover new tricks by solving medium level puzzles, challenge themselves with harder puzzles, and become legends.

[Click here to practise](#)

## Summer plans?

### CyberFirst

Are your students interested in exploring and expanding what they know about online security? CyberFirst's programme of free residential and online summer courses could be just the thing.

The CyberFirst Defenders, Futures and Advanced courses cover age groups from 14 to 17.



[Book now](#)