



Gloucestershire STEM Network



Welcome

[The Gloucestershire STEM Network](#) has been born out of a shared desire amongst professionals throughout the region to provide a local network that supports individuals working in Science, Technology, Engineering and Maths, from classroom to boardroom. In celebration of Ada Lovelace Day, we offer these fun and accessible coding challenges, suitable for all ages and levels of coding confidence. You can work through the activities at your own pace, and they should take no more than an hour to complete. If you get stuck, or have questions, join us on Twitter @GlosSTEM using the hashtag #ALD17_Glos for our 'Ask Ada' Q&A 10 October 2017 between 6-8pm.

Pick your coding challenge – are you:

Looking to introduce a child to the basics of coding, but don't know where to start?

Try Moana or Star Wars

Click on a picture to select your challenge



A player of computer games, and keen to learn how they work?

Pong is for you!



Confident with the basics of coding and looking for the next challenge?

Be a Coding Superhero!

Who is Ada Lovelace?

[Ada Lovelace](#) was the world's first computer programmer, and her contribution to computer programming is covered in the many [books and resources](#) about her life and work.

This independent event is part of [Ada Lovelace Day](#), a worldwide celebration of women in science, technology, engineering and maths. You can follow them on Twitter: [@findingada](#)

Carry On Coding

Ask Ada: Join us on Twitter @GlosSTEM 10 October 2017 6-8 pm using the hashtag #ALD17_Glos to ask our own coders about their work, or just to let us know how you get on.

[Codecademy](#) have a number of free courses which will teach html and web design.

[Go beyond an hour](#) of code with free online courses for all ages with Code.org, or [Swift Playgrounds](#)

Or perhaps you would consider joining or setting up a [Code Club](#)?



#ALD17_Glos

10 October 2017 6-8 pm

@GlosSTEM