

## Engaging TechFuture Ambassadors with Schools

STEMNET is supporting the TechFuture programmes which are all about inspiring young people about technology. TechFuture Ambassadors are STEM Ambassadors who want to inspire young people about technology and help to equip students with the skills and confidence to fulfil their potential in the digital economy. [Tech Future Ambassadors](#) are keen to go into schools and do this through a number of activities and share their digital skills with students.

### 1. Supporting Careers Provision in IT

**My Tech Story:** A TechFuture Ambassador could share with students a personal account of their career success in technology. This would involve the TechFuture Ambassador presenting a few slides supported by a story of how their career developed. There are also a range of career success stories, written by a diverse range of students, apprentices and professionals in the world of technology that emphasise the variety of routes to a fulfilling future in the digital economy **on the TechFutures website which can be found at: [My Tech Story](#)**



**The TechFuture Teachers: Career Resources Pack:** This is a complete pack of resources for Careers or ICT teachers, it includes lesson plans, links to the National Curriculum across subjects and is a perfect tool for use in your school. [TechFuture Teachers: Career Resources Pack](#)

Inviting a TechFuture Ambassador into your school when you are planning to deliver aspects of this resource can then provide students with real life knowledge of the technology industry and actual careers.

### 2. Supporting STEM Clubs

Running digital STEM activities involving computing, robotics, coding, electronics, programming Raspberry Pi's, Cyber Security etc., are ideal opportunities for TechFuture Ambassadors to engage with your school. They will provide students with a person who has digital skills to support activities, but also a real life knowledge of careers in technology. It is [STEM CLUBS WEEK 1<sup>st</sup> – 5<sup>th</sup> February 2016](#) – with Prizes up for grabs! This is a perfect time to request a TechFuture Ambassador to come and visit your school and/or STEM Club to help with your activities.



Nationally coordinated by STEMNET



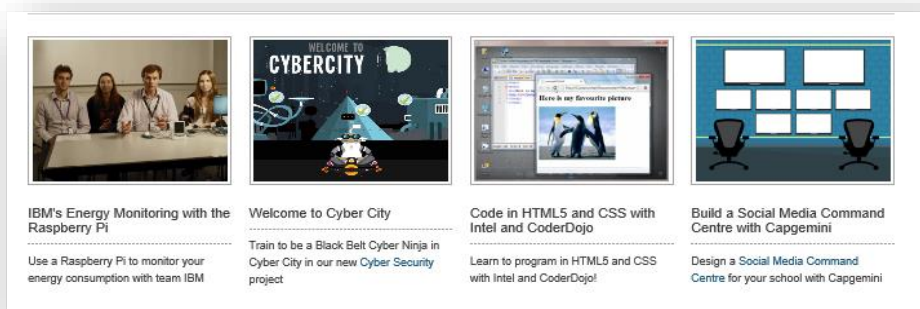
**TechFuture Girls** (formerly known as Computer Club 4 Girls (CC4G)) is a FREE out-of-the-box after-school STEM Club that has been specifically designed to encourage girls to stay engaged in ICT.

Running TechFuture Girls doesn't need any specialist IT expertise or software, it supports the curriculum for Computer Science, girls love it and it benefits their confidence and self-esteem. A TechFuture Ambassador supporting this Club will provide students with a person who has the right skills to support activities, but also a real life knowledge of careers in ICT.

**NEW!** Just added to the TechFuture Girls site is '[Protect the Island](#)' created in partnership with Hewlett Packard Enterprise which focuses on Cyber Security. Attached is a facilitator's guide which provides easy to follow instructions of how to take girls through the four challenges – **why not ask for a TechFuture Ambassador to support this activity now?**

### 3. Supporting a TechFuture Classroom:

[TechFuture Classroom](#) is a hub of free computing resources for Key Stage 3, 4 and 5 students, complete with lesson plans and marking schemes. The resources are developed with industry to provide authentic projects mapped to computing, ICT and computer science qualifications. Projects include activities around **coding in HTML5, CSS and JavaScript** and cyber security materials. For more information, simply [click here](#) to Login in and register – it's free to all UK schools.



If you would like a TechFuture STEM Ambassador to support you with delivering any of the above materials, contact your STEMNET [Contract Holder](#)