



Primary newsletter

****Section 1****

 **Congratulations to Bingley Grammar School who have achieved the Computing Quality Mark!** 

[Computing Quality Framework](#)

Find out how the [Computing Quality Framework](#) can help you to raise the profile of computing in your school. It supports you to focus on your subject, celebrate strengths of computing in your school and gain insights into developing computing for everyone.

The short course [Computing Quality Framework – driving change within your primary school](#) provides an overview of the framework and allows you to begin your computing quality framework journey. The following CQF short courses are for Yorkshire schools to join, however many other instances will be available.

Monday 09/12/2024 4-5:30pm	Remote	Computing Quality Framework – driving change within your primary school - short course
Wednesday 26/03/2025 4-5:30pm	Remote	Computing Quality Framework – driving change within your primary school - short course
Tuesday 01/07/2025 4pm - 5:30pm	Remote	Computing Quality Framework – driving change within your primary school - short course

****Section 2****

CPD for Primary Computing

Browse our upcoming courses for the Autumn term - free to teachers in maintained schools **and** we provide lunches and refreshments!

Each school in the Bradford and Kirklees areas are eligible to a subsidy of £205 on completion of a full day course (available once per academic year):

9th October, Full day	Introduction to Primary Computing	Bingley
16th October, Full day	Leading Primary Computing Module 1	Bingley
6th November	Inclusive Computing in Primary Schools	Bingley
13th November	Implementing the Teach Computing Curriculum	Bingley
20th November	Developing and supporting programming within your primary school	Bingley

[View all courses up to the end of the academic year.](#)

You might also consider the **live remote courses**, including the new [AI in primary computing](#) short course, or one of the **online courses** that can be completed in your own time. We suggest:

- [Creating an Inclusive Classroom: Approaches to Supporting Learners with SEND in Computing](#) - this is a great course for learning useful strategies and tools for teaching learners with SEND (not just in computing!)
- [Introduction to Programming with Scratch](#) - brush up on your Scratch knowledge for teaching KS2 pupils programming and learn about the key concepts along the way.

****Section 3****

New Courses

We are always interested to hear which courses you would like the computing hub to run. Please fill in the form [here](#) to have your say on which courses you'd like to see. This includes the following new face-to-face courses:

- **Algorithms & programming in KS1:** Explore progression, pedagogy and how to develop computational thinking skills
- **Programming with the Microbit:** Explore in more detail how programming at Key Stage 2 can be enhanced with physical computing and the micro:bit.
- **Leading Primary Computing Module 3:** For experienced subject leaders looking at advanced curriculum design, SEND and outstanding teaching.

Remember there are also a large number of Remote and Online courses available. See the full list here: <https://teachcomputing.org/courses>

New remote courses for 2024/25:

- [AI in primary computing](#)

Explore how Artificial Intelligence (AI) may be linked to aspects of the primary computing curriculum, supporting creativity, digital literacy, and the use of information technology.

- [Effective computing transition from KS2-3](#)

Explore the Teach Computing KS2-KS3 transition project using the Microbit, and how to ensure effective transition between primary and secondary phases in computing.

- [Empowering girls in key stage 2 computing](#)

To address the gender gap in computing, we need to address this during key stage 2. Explore the reasons for the gender gap and discover strategies to overcome them in your classroom in order to empower girls in computing.

- [Literacy via primary computing – building vocabulary and embedding literacy skills](#)

Explore how to teach computing vocabulary effectively. Unpick the opportunities within the computing curriculum and computing lessons to build literacy skills.

- [Maths in primary computing](#)

Explore how primary maths and computing can be linked, highlighting the similarities in critical thinking skills and subject content, to maximise learning in both subject areas.

****Section 4****

Introducing the Primary - I Belong programme

We've known for a while that there is a gender gap in computing at KS3 and KS4, so we want to mitigate this at primary level.

[Empowering Girls in KS2 Computing](#) is a remote, short course – just 2 hours - aimed at all teaching staff. It is designed to provide you with strategies that will build self-efficacy in girls, inspire them and let them feel like they belong in the world of technology.

Be a part of the NCCE's [I Belong Programme](#) by tackling unconscious bias and stereotypes. Completing this short course will propel you through the requirements to gain the I Belong Certificate, which gives you the opportunity to showcase your efforts in creating a more inclusive environment.

****Section 5****

Gain certificates for computing

- [Primary Computing Certificate](#)
- [Computing Quality Mark](#) (see the top of the newsletter for details)

For many teachers that have taken part in a short course, or even a day course with us, the Primary Certificate is in reach.

[Your Primary Computing Certificate](#)

We would like to support you to achieve the Primary Computing Certificate, a national certification awarded by BCS, The Chartered Institute for IT.

There are three parts to the certificate:

1. Take part in a course
2. Develop your teaching practice e.g. download a Teach Computing resource and reflect on how you have used and adapted it
3. Develop computing in your community e.g. complete the self-assessment on the Computing Quality Framework or invite a STEM Ambassador to your school.

Already started the certificate? Not sure what to do next? Get in touch with our Primary Lead to discuss your next steps and achieve the certificate:

Helen Cotton - h.cotton@stem.org.uk

Helen will also be available to chat through any questions you may have at the following times:

2nd October 2024	Primary Computing drop-in event: Certificates, CQF and more - 3:45 - 4:30pm
4th December 2024	Primary Computing drop-in event: Certificates, CQF and more - 3:45 - 4:30pm

****Section 6****

Would you like to borrow some physical computing kit?

Our free to loan kits are a great way to try out physical computing and engage young people in the hands-on experience of learning computing.

Request kit for half a term:

- Bee-Bots (6 included in the box)
- Data logger (5 included in the box)
- Crumble (Class pack)
- BBC micro:bit (Class pack)

The only cost is the postage and packaging to send the kit to the next school.

Please contact the hub to request kit - teachcomputing@bingleygrammar.org