Cornwall and Plymouth Computing Hub

Teach Computing

Latest primary computing CPD near you

As your local Computing Hub we provide training to help you teach and lead the computing curriculum and improve learning across your school.

The CPD courses currently available:

Primary programming and algorithms

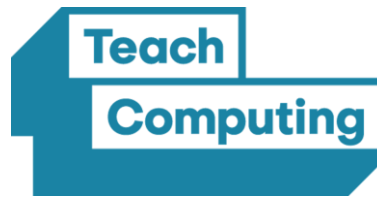This course is delivered as part of the National Centre for Computing Education.

Programming and algorithms are fundamental to the primary computing curriculum. Algorithms are clear and unambiguous instructions to solve problems which can often be translated using a programming language for a computer to follow. By thinking computationally, children can harness the power of computers to extend their capabilities.

During this one-day professional development, you will discover engaging and effective ways to help children use computational thinking. You will be equipped to develop their knowledge of how technology works, and the skills to make computers follow instructions in simple programs. A range of approaches will be explored, including 'unplugged' activities that require no computer, and multimedia activities that allow creativity and promote widespread engagement.

The professional development will highlight the differences and commonalities across Key Stages 1 and 2, helping all primary teachers to plan for age-appropriate learning while developing an understanding of progression through computing.

Outcomes:

- Discover a range of different teaching techniques that are supported by research, to improve how your school delivers lessons that use algorithms and programming

- Learn about debugging, sequence, repetition, selection and variable use and the common misconceptions that hinder pupil progress

- Come away with lots of resources that you can use to develop how teachers in your schools understand, plan and teach computing

- Understand what computational thinking is and how it affects teaching programming

Primary programming and algorithms (1 day course) is available to book now

Cost: £35 per teacher per day of course
Bursary: £220 for the first teacher from a school per day of course to help pay for travel expenses and classroom cover (available for one course per academic year and payable directly to the school upon completion of course CPD

Date: 02/03/2020 (9.30am-3.30pm)
Venue: Truro College
Book now: https://tinyurl.com/tawqkur

Date: 06/04/2020 (9.30am-3.30pm)
Venue: Truro College
Book now: https://tinyurl.com/rkbqepj

Date: 04/05/2020 (9.30am-3.30pm)
Venue: Truro College
Book now: https://tinyurl.com/ujeqoch

Date: 03/06/2020 (9.30am-3.30pm)
Venue: Truro College
Book now: https://tinyurl.com/rxnu4m4

To book your place you will need to create a STEM Learning account first via Teach Computing.

Contact Cornwall and Plymouth Computing Hub at

TeachComputing@truro-penwith.ac.uk