National Centre for Computing Education

Cheshire & Stockport Computing Hub

BOOK NOW on teachcomputing.org

Computer processors

Computer programs are written in a language that humans understand, but what about the computer itself? Every piece of software, and the instructions and data it contains, is made up of 1's and 0's, handled by the central processing unit or CPU.

Explore the core of a modern computer - the processor. Learn how the instructions that humans write in computer programs are translated into machine code that the computer can process. Compare the differences between high-level and low-level programming languages, and how these can used in the classroom.

Who is it for?

This course is for current or prospective teachers of GCSE computer science with some understanding of computer science fundamentals.

Start dates

- **Wednesday 13Th May**
- **Wednesday 17th June**
- **Wednesday 15th July**

Booking link

https://teachcomputing.org/courses/CP431/computer-processors

Fee

This course is **fully funded for participants from maintained schools in England.** If you are from an independent school or from an organisation outside England, then the course fee is £220

Course structure

The course consists of 3 remote delivered sessions with 2 gap tasks in between, run over a 2 week period. Each online session runs for 1 hour.

Follow us on Twitter: **@ComputingHubFT**
For any enquiries please contact the Hub directly on:
teachcomputing@eatonbank.org