

# Learning pathway: New to computer systems

## Who is this pathway for?

For trainee teachers who are confident with programming but need help with computer systems and networks, this learning pathway will improve your subject knowledge to meet the requirements of GCSE computer science.

Key stage 4



2 remote learning courses



2 online courses

1

### Understanding computer systems

C0212 online course

2

### Fundamentals of computer networks

CP422 remote course

3

### Computer processors and instruction sets

CP431 remote course

4

### Impact of technology: how to lead classroom discussions

C0215 online course

You might also consider...

## Remote learning:

Live courses that are delivered online by our network of Computing Hubs and can be accessed from home. Remote learning offers the flexibility of short daily sessions designed to fit around your day.

### Other courses to enhance this pathway:

- Introduction to computer systems, networking & security
- Introduction to algorithms, programming & data
- Representing algorithms using flowcharts & pseudocode
- Python programming: working with data

## Online courses:

On-demand courses that offer a new and exciting way to learn about computing and digital making. Take part in these free online courses and learn at your own pace, in the comfort of your own home.

### Other courses to enhance this pathway:

- Programming 101: An Introduction to Python for Educators
- Representing Data with Images and Sound: Bringing Data to Life
- Understanding maths and logic in computer science
- Introduction to web development

## Take the next step

To find out more about the programme, our national support network and how we can help, email the team at [info@teachcomputing.org](mailto:info@teachcomputing.org)