Computing Vertical Concepts

Connecting Systems and Networks

Nursery

Polar Express and On the Farm

Year 1

Technology Around Us

To identify technology
To identify a computer and its main parts
To use a mouse in different ways
To use a keyboard to type
To use the keyboard to edit text
To create rules for using technology responsibly

Year 3

Connecting Computers

To explain how digital devices function
To identify input and output devices
To recognise how digital devices can change the way we work
To explain how a computer network can be used to share information
To explore how digital devices can be connected
To recognise the physical components of a network

Year 5

Sharing Information

To explain that computers can be connected together to form systems
To recognise the role of computer systems in our lives
To recognise how information is transferred over the internet
To explain how sharing information online lets people in different places work together
To contribute to a shared project online
To evaluate different ways of working together online

Year 7

To create a memorable and secure password for an account on the school network
To remember the rules of the computing lab
To find personal documents and common applications
To recognise a respectful email

Reception

Me and My World

Year 2

IT Around Us

To recognise the uses and features of information technology
To identify information technology in the home
To identify information technology beyond school
To explain how information technology benefits us
To show how to use information technology safely
To recognise that choices are made when using information technology

Year 4

The Internet

To describe how networks physically connect to other networks
To recognise how networked devices make up the internet
To outline how websites can be shared via the World Wide Web
To describe how content can be added and accessed on the World Wide Web
To recognise how the content of the WWW is created by people
To evaluate the consequences of unreliable content

Year 6

Communication

To identify how to use a search engine
To describe how search engines select results
To explain how search results are ranked
To recognise why the order of results is important, and to whom
To recognise how we communicate using technology
To evaluate different methods of online communication

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Part of United Learning

Computing Vertical Concepts

Creating Media

Nursery

Polar Express and On the Farm

Year 1

Technology Around Us

Reception

Me and My World

Year 2

IT Around Us

To recognise the uses and features of information technology
To identify information technology in the home
To identify information technology beyond school
To explain how information technology benefits us
To show how to use information technology safely
To recognise that choices are made when using information technology

Year 3

Connecting Computers

To explain how digital devices function
To identify input and output devices
To recognise how digital devices can change the way we work
To explain how a computer network can be used to share information
To explore how digital devices can be connected
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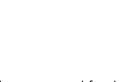
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Year 7
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