**Connecting Computers**

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|  | Session 1 | Session 2 | Session 3 | Session 4 | Session 5 | Session 6 |
| Knowledge LO: | LO : To explain how digital devices function | LO: To identify input and output devices | LO: To recognise how digital devices can change the way that we work | LO: To explain how a computer network can be used to share information | LO: To explore how digital devices can be connected | LO: To recognise the physical components of a network |
| Skills | Explain clearly | Recognise computer components | To recognise how digital devices are used | To understand computer networks | To investigate digital devices | To investigate networks |
| Branch focus: | Thinking critically about technology applications | Thinking critically about technology applications | Computational thinking | Computational thinking  Thinking critically about technology applications | Computational thinking  Thinking critically about technology applications | Computational thinking  Thinking critically about trechnology applications |
| Assessment: | **ALL**  I can explain that digital devices accept inputs  **MOST**  I can explain that digital devices produce outputs  **SOME**  can follow a process | **ALL**  I can classify input and output devices  **MOST**  I can describe a simple process  **SOME**  I can design a digital device | **ALL**  I can explain how I use digital devices for different activities  **MOST**  I can recognise similarities between using digital devices and using non-digital tools  **SOME**  I can suggest differences between using digital devices and using non-digital tools | **ALL**  I can recognise different connections  **MOST**  I can explain how messages are passed through multiple connections  **SOME**  I can discuss why we need a network switch | **ALL**  I can recognise that a computer network is made up of a number of devices  **MOST**  I can demonstrate how information can be passed between devices  **SOME**  I can explain the role of a switch, server, and wireless access point in a network | **ALL**  I can identify how devices in a network are connected together  **MOST**  I can identify networked devices around me  **SOME**   * I can identify the benefits of computer networks |