

**Question:** Can you explain the difference between digital and non-digital devices?  
Connecting computers.

**National Curriculum Link:**

- use sequence, selection, and repetition in programs; work with variables and various forms of input and output
- understand computer networks including the internet; how they can provide multiple services, such as the World Wide Web; and the opportunities they offer for communication and collaboration
- select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information

**International Baccalaureate Learner Profile Link:**

**Communicators.**

How do we express and present ourselves to others?

How can we communicate with others?

We can be clear in both written and oral form?

**Reflective**

Remaining open to continuous learning.

Striving to be accurate and precise.

Strive to not be complacent.

**Balanced.**

To understand the impact on my mind, body and emotions.

Understanding the impact on others.

<b>Prior Skills: Year 2</b>	<b>New Skills: Year 3</b>	<b>Future Skills: Year 4</b>
<p>To describe some uses of computers.</p> <p>To identify information technology in school.</p> <p>To identify information technology beyond school.</p> <p>To show how to use information technology safely.</p>	<p>To identify input and output devices.</p> <p>To explain that a computer system accepts an input and processes it to produce an output.</p> <p>To explain how a computer network can be used to share information.</p> <p>To explain the role of a switch, server and wireless access point in a network.</p> <p>To identify network devices around me.</p> <p>To explain how networks can be connected to other networks.</p>	<p>To describe how networks connect to other networks.</p> <p>To outline how information can be shared via the World Wide Web.</p> <p>To recognise that the World Wide Web is part of the internet.</p> <p>To explain that the global interconnection of networks is the internet.</p> <p>To recognise the need for security on the internet.</p> <p>To describe how to access the WWW.</p> <p>To describe the types of content that can be added, created and shared on WWW.</p> <p>To explain how the content of the WWW is created, owned and shared.</p> <p>To explain that the internet enables us to view the WWW.</p> <p>To describe the current limitations of the WWW media.</p> <p>To explain the benefits of the WWW.</p>

### Knowledge, Skills and Understanding

To learn about saving work in a special place and retrieve it again.

To use technology to collect, sort and display information that could include data, photos, video or sound.

To learn how to access and search the web.

To identify people they can trust and who they can ask for help when using the internet.

### Challenge

<p><b>Resources:</b></p> <p>Hardware: iPads, Computers</p>	<p><b>Websites or Apps:</b></p> <p><a href="https://www.bbc.com/ownit/take-control/worst-witchethel?collection=worst-witch">https://www.bbc.com/ownit/take-control/worst-witchethel?collection=worst-witch</a>  Represent yourself.  <a href="https://www.bbc.com/ownit/take-control/worst-witchmildred?collection=worst-witch">https://www.bbc.com/ownit/take-control/worst-witchmildred?collection=worst-witch</a>  Social media  <a href="https://www.bbc.com/ownit/take-control/worst-witchfelicity?collection=worst-witch">https://www.bbc.com/ownit/take-control/worst-witchfelicity?collection=worst-witch</a>  Overwhelming and scary  <a href="https://www.youtube.com/watch?v=4-OpBC_zZLk">https://www.youtube.com/watch?v=4-OpBC_zZLk</a>  <a href="https://www.bbc.co.uk/bitesize/articles/z3wgqhvh">https://www.bbc.co.uk/bitesize/articles/z3wgqhvh</a>  <a href="https://www.bbc.co.uk/newsround/28692781">https://www.bbc.co.uk/newsround/28692781</a></p> <p><b>Extended Writing Opportunities:</b></p> <p>Rules on how to use the Internet safely to other people.</p>
<p><b>Vocabulary:</b></p> <p>Reputation, self-image, risks, private, online bullying, identity, profile, empathy, copyright, trust, password.</p>	<p><b>Numeracy skills:</b></p> <p>Tally chart and data collection on the different apps people use represented in different ways.</p>
<p><b>Suggested Quality Texts:</b></p> <p>Goldilocks online book Vodafone  <a href="https://www.vodafone.co.uk/mobile/digitalparenting/goldilocks">https://www.vodafone.co.uk/mobile/digitalparenting/goldilocks</a></p>	<p><b>WOW Experience:</b></p> <p>Acting company in to produce play on the dangers of using the Internet online.</p>
<p><b>Cross Curricular Links:</b></p> <p>Philosophy: Looking at using the Internet safely.  History: Looking at the history of the Internet and social media.</p>	