

Question: How do you stay safe online?

Computing systems and networks- Sharing information

National Curriculum Link:

- Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts
- 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
- Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact

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?

Principled.

To take my time and think before acting.

To remain calm, thoughtful and deliberate in my actions.

Caring

What does it mean to be caring?

What people, actions and ideas do I care most about?

How do I show that I care through my actions and words?

Prior Skills: Year 4	New Skills: Year 5	Future Skills: Year 6
<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>	<p>To recognise that computers can be part of a system in an electronic device.</p> <p>To understand that computers can be connected together to form systems.</p> <p>To see that computers communicate with other devices.</p> <p>To recognise inputs, process and output in larger computer systems.</p> <p>To recognise how information is transferred across the internet.</p> <p>To recognise that data is transferred using agreed protocols.</p> <p>To recognise that connections between computers allow us to access shared stored files.</p> <p>To evaluate different ways of working together.</p> <p>To recognise that internet collaboration can be public or private.</p>	<p>To recall how to use a search engine.</p> <p>To compare the results from different search engines.</p> <p>To demonstrate that different search terms produce different results.</p> <p>To explain that search terms need to be chosen carefully.</p> <p>To evaluate the results of search terms.</p> <p>To identify different ways to communicate without technology.</p> <p>To list methods of communicating using the internet.</p> <p>To choose an appropriate method of internet communication for a given purpose.</p> <p>To evaluate different methods of online communication.</p> <p>To explain which types of media can be shared through the internet.</p> <p>To explain that communicating through the internet can be public or private.</p> <p>To decide what I should/should not share.</p> <p>To classify internet communication by messenger and recipient or audience.</p>

Year 5 Autumn 1

Resources: Hardware: iPads, Computers.	Websites or Apps: Apps: Book creator. https://www.bbc.com/ownit/thebasics/social-mediamyths?collection=know-your-stuff
	Extended Writing Opportunities: Information booklet how to be safe on the Internet. Play script on the dangers of the Internet and how to stay safe.
Vocabulary: Reputation, self-image, risks, private, online bullying, identity, profile, empathy, copyright, trust, password.	Numeracy skills: Tally chart data collection on the different apps people use.
Suggested Quality Texts: Goldilocks online book vodaphone https://www.vodafone.co.uk/mobile/digital-parenting/goldilocks	WOW Experience: Acting company in to produce play on the dangers of using the Internet online.
Cross Curricular Links: Philosophy: Looking at using the Internet safely. History: Looking at the history of the Internet and social media.	