iCompute

iConnect

Year 3
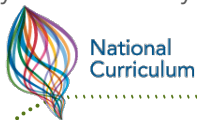
This unit explores the difference between the internet and the World Wide Web and involves online surfing, searching and evaluation.

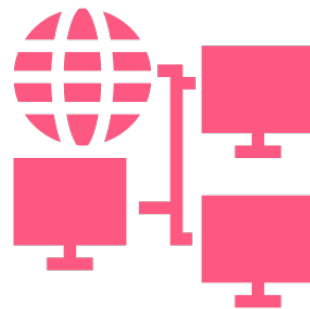At its core are a series of iConnect online tutorials that teach children how to use the web and search engines safely and effectively.

National Curriculum

- 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
- use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs
- 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
- use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content
- 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

Curriculum Links

- English
- Science
- Geography

Objectives

Lesson	Title	National Curriculum Links	Objectives	Vocabulary	Success Criteria
3.4.1	iConnect	✳ 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	✳ To understand that the internet is many computers that are connected ✳ To understand that you can move around the web using hyperlinks	network; internet; world wide web; email; communicate; connected; forward; back; home; router; data; images; text; audio; video	✳ The children navigate a website using hyperlinks
3.4.2	iSurf		✳ To use basic navigation skills to browse the world wide web	surfing; hyperlinks; forward; back; home; browser; world wide web	✳ The children navigate a website using hyperlinks and image links
3.4.3	iBrowse		✳ To know the main features of web browsers	browser; world wide web; navigate; default; homepage; forward; back; refresh/reload; home; address bar; url; favourite;	✳ The children enter URLs into the address bar of a browser ✳ They visit and browse several websites
3.4.4	iSearch	✳ use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content	✳ To understand how to find information using a search engine	world wide web; web site; web page; search engine; data; spider; crawl; sort; hits; tab	✳ The children simulate a search engine ✳ They find things out online using a search engine
3.4.5	iCheck		✳ To understand that not all information on the web is reliable ✳ To know the basic steps that can help distinguish safe and credible websites	world wide web; reliable; up-to-date; safe; author; domain	✳ The children evaluate a website according to criteria
3.4.6	iHunt	✳ use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact	✳ To understand that copyright is an author's right of ownership and it is illegal to steal other people's material	world wide web; reliable; up-to-date; safe; author; domain; copyright	✳ The children can talk about copyright ✳ They produce their own cyberhunt involving websites