

The Flourish Federation—Knowledge Organiser

Brookfield Infant and Junior Schools



Computing Focus:

Communication & Networks
(Including E-Safety) Rotation A– Animals

Year 2

Term 1

What? (Key Knowledge)

I navigate the web and can carry out simple searches to collect digital content.
I demonstrate use of computers safely and responsibly.
I know a range of ways to report unacceptable content and contact from other when online.
I begin to understand the difference between the interest and internet services (i.e. the world wide web).

What? (Activities)

I navigate the web and can carry out simple searches to collect digital content.	Google 'safe search kids' Children search for nocturnal animal facts thinking about how to ask the correct questions to find information on animals (i.e. habitat, diet, life cycles). Share findings as a class and discuss most useful questions when searching.
I demonstrate use of computers safely and responsibly.	Ongoing activities - monitor how children access content and how they are able to find and transfer content safely and responsibly.
I know a range of ways to report unacceptable content and contact from other when online.	Look at staying SMART online Get SMART - Childnet Children complete internet safety quiz in teams using the quiz as a discussion Explore CEOP site and discuss
I begin to understand the difference between the interest and internet services (i.e. the world wide web).	(431) World Wide Web in Plain English - YouTube Children watch clip explaining the difference. Discuss the differences What is the internet? - BBC Bitesize How can you use the internet? - BBC Bitesize

What? (Key Vocabulary)

Spelling	Definition
Search engine	A program that searches for and identifies items in a database that correspond to keywords or characters specified by the user, used especially for finding particular sites on the World Wide Web.
website	A collection of web pages linked to others.
Personal information	Name, address phone number unique to you.
email	messages distributed by electronic means from one computer user to one or more recipients via a network.
communication	Exchanging of information
shortcut	An icon that directs you to a website without typing the website address
password	A string of characters/letters numbers that allows access to a computer system .
embedded	Fixed into the webpage (they can't be removed)
Age-appropriate	Suitable for children of this age
World wide web	A series of pages linked online
Internet	A global computer network connecting people around the world

Useful Web Links

Information about online safety

<https://www.nspcc.org.uk/preventing-abuse/keeping-children-safe/online-safety/>

Online story for 3-7 year olds with lesson plans

<https://www.childnet.com/resources/smartie-the-penguin>

Hectors world -Online story for 3-7 year olds with lesson plans

<https://www.esafety.gov.au/education-resources/classroom-resources/hectors-world>

E-safety information for teachers, parents and children

<https://www.thinkuknow.co.uk/>

Online resources and information

<https://www.purplemash.com/sch/brookfield-infant>

Search engine

<https://www.safesearchkids.com/>

Possible Writing Links

E-safety poster/ leaflet - staying safe online

Persuasive writing - why it is important to stay safe.

Topic related Fact writing based on research of animals.



Cross-Curricular Links

Art - e-safety poster/ leaflet

Science - research on nocturnal animals (habitat, diet, life cycle)

Geography- maps/ World



Visuals



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