



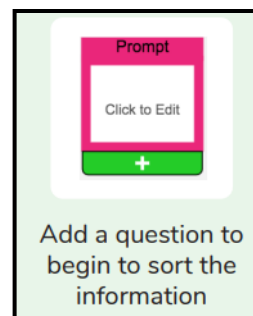
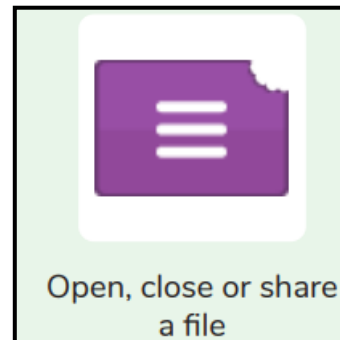
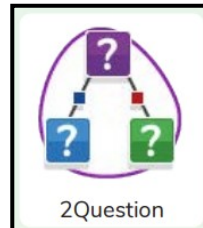
Year 3 Computing: Branching Databases (Information Technology)

Prior Learning (Year 2)

- I can collect data and represent it in a bar chart on a computer.
- I can sort data according to criteria.
- I can use questioning to sort and group data.

Sticky Knowledge

- I can sort objects using just 'yes' or 'no' questions.
- I can complete a branching database using 2Question.
- I can create a branching database linked to my interest and learning.
- I understand what a database is and how it can be used to sort data.



Key Vocabulary

binary tree

Another name for a branching database.

branching database

Used to classify groups of objects. It is used to help identify the objects by answering questions with either 'yes' or 'no'. Branching databases can also be called binary trees.

data

A collection of information, especially facts or numbers, obtained by observation, questions or measurement to be analysed and used to help decision-making.

debugging

The process of identifying and removing errors from computer hardware or software.

database

A collection of data organised in such a way that it can be searched, and information found easily. Database usually refers to data stored on computers.



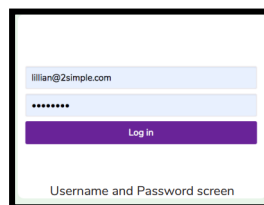
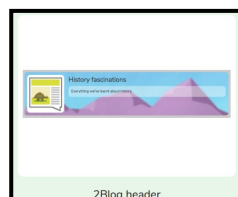
Year 3 Computing: Online Safety (Digital Literacy)

Prior Learning (Year 2)

- I know that I must not share personal information online.
- I know that I should tell a trusted adult if I am worried or upset about something I have experienced online.
- I know that there are rules which I must follow when using technology.
- I know that there are SMART rules which help to keep us safe.
- I know that too much screen time can be unhealthy.
- I know that it is important to log out properly and not share my passwords.

Sticky Knowledge

- I know what makes a safe password.
- I know methods for keeping passwords safe.
- I understand how the Internet can be used in effective communication.
- I understand how a blog can be used to communicate with a wider audience.
- I can consider the truth of the content of websites.
- I know about the meaning of age restrictions symbols on digital media and devices.



Key Vocabulary

appropriate	When using online services such as blogging or sharing information, users should behave appropriately. They should be truthful, respectful and kind.
blog	A regularly update website or web page. It is often written in an informal or 'chatty' style.
inappropriate	Behaviour or content online that is upsetting, rude, unkind or makes someone feel unsafe or concerned.
password	A secret word, phrase or combination of letters, numbers and symbols that must be used to get access to a site or application such as a website.
personal information	This is information that is personal to someone. For example, their favourite food, their name and age.
internet	A global computer network providing a variety of information and communication facilities, made up of interconnected networks and computers.
permission	When someone shares or accesses content online, it's important that permission is given if it belongs to someone else or has information about them.
reputable source	Reputable sources are known places or sites that have accurate information.
spoof	An imitation of something that appears to look genuine.
reliable source	A source of information that provides accurate details based on valid evidence.
verify	To 'check' information is accurate and reliable.
vlog	A personal website or social media account where a person regularly posts short videos.
website	A set of related web pages located under a single name.

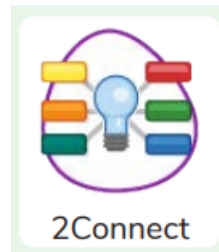
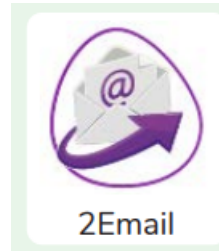


Year 3 Computing: Email (Digital Literacy)



Prior Learning

- I know how important it is to keep my self safe online.
- I know that I should not share personal details.
- I can use a safe search engine to search the internet for different purposes.
- I know that technology can be used to communicate in different ways.
- I know that what I do online adds to my 'digital footprint'.
- I know how a 'simulation' can be used to explore a real-life scenario.



Sticky Knowledge

- I can talk about different methods of communication.
- I can open and respond to an email using an address book.
- I know how to use email safely.
- I can add an attachment to an email.
- I can explore a simulated email scenario
- I know what to do if I am worried or upset by anything that I see or experience online.

Key Vocabulary

address book	a list of people who you regularly send an email to.
attachment	A file, which could be a piece of work or a picture, that is sent with an email.
BCC (Blind Carbon Copy)	A way of privately sending a copy of your email to other people without the recipient knowing.
CC (Carbon Copy)	A way of sending a copy of your email to other people so they can see the information in it.
communication	The sharing or exchanging of information by speaking, writing or using another way such as email.
email (electronic mail)	An internet service that allows people to send and receive instant electronic letters.
inbox	The folder where new emails go into when they are received.
personal information	Information that can identify you, such as your name, address or telephone number.
save to draft	Allows you to compose an email and save it so you can review before sending.
trusted contact	A person that you know and trust, making an email from them safe to open.