Year 3: Computing and Online Safety

Web Navigation Skills

The internet allows you to find information in seconds. You can use search engines to do this.

Websites each have a URL for example:

www.bbc.co.uk

Remember that not all information on the internet is reliable, so check where you are getting information from.

.com = commercial website

.co.uk = UK website

.org = non-profit organisation

.net = companies in a network

.gov = government website

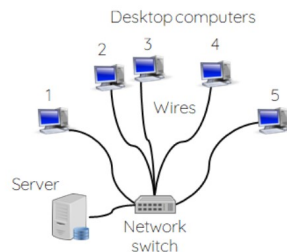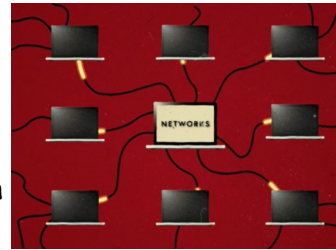Avoid clicking on advert hyperlinks as they can lead you to a new website or harm your device.

Click here

Understanding Networks

Computers are linked together by a network.

Information is passed between different devices within this network.

A **wireless access point** is a device that can connect multiple other devices with one another.

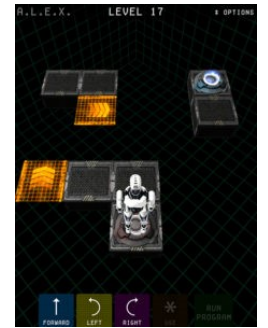A **server** is a networked computer for saving files.

Understanding Algorithms

You need an algorithm before you can write a code. This will allow you to send instructions to a device.

Sometimes the device will show **errors** and not complete the correct instructions.

You can prevent errors by using **logical reasoning** or following the correct rules for the device.

You will need to think about what you are telling the device to do: move forward one space, turn left, move forward two spaces.

Vocabulary

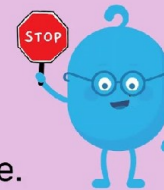|	
adverts	Images to promote something.
advice	An idea or opinion used to help others.
cyberbullying	Bullying online or on devices.
device	Technology used for a purpose.
error	A mistake.
hurtful	Something that is done to upset someone.
logical reasoning	Thinking about how things are done.
mean	Nasty behaviour.
network switch	This chooses who to send information to.
popular	Liked or enjoyed by lots of people.
reliable	Something or someone you can trust.
toolbars	Icons or buttons with quick access to functions.
URL	The address of a website or information online.
wi-fi	A way of connecting devices without wires.

Online Bullying

Being mean online can include making fun of how someone looks, spreading lies about someone, and saying rude or disrespectful things to them.

If you ever witness this or if someone is mean to you, tell a trusted adult right away.

Some people are mean online because they think they will not get caught. Make sure you report them and think **STOP**.

✓ Step away.

✓ Tell a trusted adult.

✓ OK sites first.

✓ Pause and think online.

CRC Article 29: All children have the right to be the best that they can be.
CRC Article 19: All children have the right to be safe.

RIGHTS RESPECTING SCHOOLS