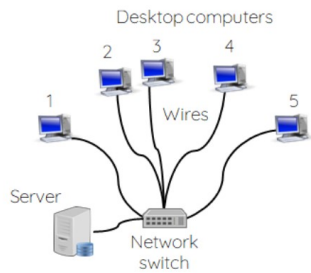


Year 4: Computing and Online Safety

Understanding Networks



Web media are types of communication on the web, such as images, videos or graphics.

Websites are stored on a **server**, which allows the network to connect to different computers or wireless access points, such as the one we have in school.

You can connect to websites by typing in the URL into the search bar.



Be aware that not everything you read on the World Wide Web is true! Some information can be dishonest, inaccurate or illegal!

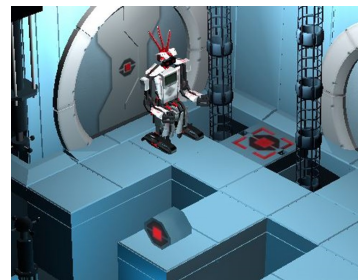
Understanding Algorithms

You can test for errors by looking at the steps your robot will take.

Predict what the outcome will be by using positional language and directions that you have learned in maths.

The robot will rewind and correct itself if you go wrong, but you will lose out on points.

Algorithms work by following a set of instructions, such as move forwards, backwards, turn right, turn left or pick up an object.



Vocabulary

accurate	Correct or reliable.
dishonest	Untruthful.
empathy	To understand the feelings of others.
experience	To have lived through an event.
harmful contact	Upsetting messages.
harmful content	Images, words or comments that are upsetting.
honest	Truthful.
hurtful	To be mean on purpose.
illegal	Against the law.
interpret	How something is viewed.
legal	To follow the law.
physical system	Devices including sensors, motors and robotics.
predict	To guess what will happen.
router	A router directs information through the Internet.
route tracing	To follow directions from start to finish.
simulation	Technology imitating the real world.
teasing	Playful name calling or winding somebody up. This can be very hurtful.
unreliable	Something or someone you are not able to trust.
wireless access point	Connects devices without wires.
witness	To see or read something.
World Wide Web	Where we can visit websites and web pages.

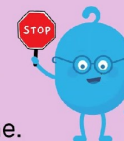
Online Bullying

When we are online we need to choose our words carefully. Written words can be interpreted in different ways and can cause people to get hurt.

If you experience or witness anything hurtful online, tell a trusted adult who will be able to help.



- ✓ Step away.
- ✓ Tell a trusted adult.
- ✓ QK 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.

