



Crucial Learning



Copyright and ownership

- Copyright is a law that gives authors or creators the right to decide what people do with their work.

- An age-restriction is the age at which a person is allowed or not allowed to do something.
- Age restrictions are in place to protect the health and well-being of young people.

- Private means something belonging to a person or group of people and not be shared with others.
- Never share personal information with anyone online.

Health, Well-being and Lifestyle

Privacy and security

- A belief is having trust or faith in something or someone.
- An opinion is a judgement formed about something or someone.
- A fact is something that is known or proven to be true.
- Information presented on the internet is based on

- A reputation is what other people think about you.
- The things that a person likes, shares or comments on online shape your reputation.
- Never share personal information

Managing online information

Online bullying

Online reputation

- Bullying is repeated behaviour which intentionally hurts someone physically or mentally.

- Identity explores who you are as a person.
- People use different representations online to express identity.
- If something makes you feel uncomfortable online, seek help.

- To trust someone means you know someone offline.
- To keep safe online, only friend, follow and communicate with people you know in real life.
- Permission is giving somebody the approval to do something.

Self-image and identity

Online relationships

- An app is a piece of software run on a device that has been programmed for a specific task.
- Apps allow us to create and share information in an engaging way.
- The GarageBand app is a music creation tool used to bring learning to life.
- The Clips app turns photos, videos and audio into

- An algorithm is a set of ordered steps that can be followed by a human or a computer to achieve a task or solve a problem.
- Sequencing is the correct order in which something should happen.
- Debugging is finding and correcting errors (bugs) in programs.

Information technology

Networks and systems

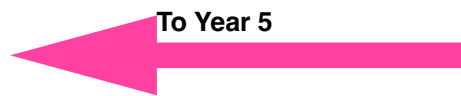
Computer Science

- A network is a group of interconnected computing devices.
- A network is made up of devices, servers, switches and cables.

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Crucial Learning



Copyright and ownership

- Ownership is the possession or control of content.
- Permission must be sought before using someone else's content or work.

- Screen time is the amount of time spent using a device such as a tablet, tv games console etc.
- There are screen time recommendations in place for children of different ages.

- Consent is to give permission for something to happen.
- In the UK, the digital age of consent when a child is able to give their permission to process their information is 13 years or over.
- What a person does online is tracked, collected and analysed by the websites they visit.

Health, Well-being and Lifestyle

Privacy and security

- In-app purchases are additional costs within an app.
- Pop-ups are adverts that appear when a user is browsing a webpage.
- Fake news are stories that are made up to mislead or deceive its readers.

- The information that someone posts online can be made up, copied or shared by others.

Managing online information

Online reputation

- People are not always who they say they are online.
- If something makes you feel uncomfortable online, seek help.

- To show respectful behaviour online is to be positive, polite and courteous towards other people.

Self-image and identity

Online relationships

- Apps allow us to present and communicate information in an engaging way.
- The Keynote app is a powerful presentation tool.
- The iMovie app allows you to combine different media to create memorable videos.
- Green screen is an effect which allows an image/ video to be superimposed in front of another image/ movie.

- A program is a set of ordered commands that can be run by a computer to complete a task.
- Repetition is part of a program where commands are run multiple times in a loop.
- Using repeat commands in computer programs makes them more efficient.

Information technology

Networks and systems

Computer Science

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- The internet is a giant network of computers connected to each other across the world by cables or satellite connections.
- The internet provides many services such as communicating with people and collaborating together.



Crucial Learning



Copyright and ownership

- Creative Commons licenses (CC) is when an owner gives up their copyright and gives others their permission to use their work.

- Permission is giving somebody the approval to do something.
- Permission must be sought before buying anything online.
- In-app purchases are additional costs within an app used to unlock levels, skins or extra lives.
- Loot boxes are virtual treasure chests containing unknown items like skins that can be used in

- Permission is giving somebody the approval to do something.

Health, Well-being and Lifestyle

Privacy and security

- To be sceptical means to have doubts or reservations about something.
- Stereotypes are ideas or beliefs many people have about a person or thing based upon how they look

- To block or report someone online is to stop all interactions with them.

Managing online information

Online bullying

- Making responsible choices about our online safety keeps us safe.
- If something makes you feel uncomfortable online, seek help.

- To cause harm means to hurt someone on purpose.

- To judge is to make a decision or to form an opinion about someone from what they see or read.
- Judgements can be correct or incorrect.

Self-image and identity

Online relationships

Online reputation

- Apps allow us to collect, analyse and present information in an engaging way to the audience.
- The Pages app is a powerful word processing tool that enables you to create visually engaging documents.
- The Numbers app is a spreadsheet used to collect, analyse and present information.
- Animations are made from lots of images joined together to make it look like it is moving.

- Selection is part of a program where if a condition is met, then a set of commands run.
- A condition is a statement which decides whether something is true or false.
- Programs use *if*, *then* or *else* conditions to help them make selections.
- To decompose a task is to break it down into smaller, more achievable steps.

Information technology

Networks and systems

Computer Science

- The World Wide Web (WWW) is a service provided via the internet that allows access to web pages and other shared files.
- A search engine is a program that finds webpages on the WWW.
- When you type a key word into a search engine, a program searches for relevant webpages and orders them according to how useful they are.
- A web browser is a program used to view, navigate, and interact with web pages.



Crucial Learning

Copyright and ownership

- To influence is to have an effect upon someone or something.
- To manipulate is to intentionally persuade or convince somebody to do something.
- To persuade is make someone do something or getting them to change their mind.
- Persuasive design is the techniques websites use to keep the users on their platforms for longer to make money from advertisers.

- To reference someone else's work or content is to mention them in your own work to acknowledge the

- Privacy settings allow you to control who sees specific information about you.
- App updates are important as they fix bugs in a program, give you access to the latest features and improves security.
- Phishing is when someone tries to trick you into giving out personal information via an email or text message.

Managing online information

Privacy and security

- Evidence is something that is used to prove that information is true or false.
- Online evidence may come in the form of screen grabs or screen recordings.

- A digital footprint or personality describes the activities, actions, digital contributions and communications that someone makes online.
- Anonymity is the act of withholding information about oneself to protect your reputation.

Online bullying

Online reputation

- Inappropriate representations are statements or images that are not suitable or appropriate.
- If something makes you feel uncomfortable online, seek help.

- Digital boundaries are rules people set whilst using technology.
- Permission must be sort before sharing content online with others.
- Inappropriate images are pictures or videos of somebody that are not suitable e.g. nude or semi-nude images.

Self-image and identity

Online relationships

- Apps allow us to communicate information in an engaging way to an audience.
- Multimedia is the representation of information in an interesting and engaging way through the use of a combination of text, audio, video graphics and animations.
- To evaluate is to review the presented content to ensure it is fit for purpose and to consider ways to make improvements.

- A variable is a piece of data (a number or text) which can be accessed and changed by a computer program.
- A variable is made up of three parts: a name, type and value.
- Testing helps to debug programs.

Information technology

Networks and systems

Computer Science

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- Search engines use algorithms to order and rank the list of webpages they return.
- Using advance search functions alongside keywords helps to refine a search.
- To check information on the WWW is reliable, check the source of information and compare it with a few