



# Meadows First School Computing Curriculum

## Year 4 Knowledge Organisers

### Unit 4.1 NOS—ESafety



#### Key Learning

Managing online information - learn about click baiting, dis-information and misinformation and why it exists on the internet. Explore ways in which websites track your information to tempt you with advertisements.

Online bullying - Learn about organisations and tools on websites to report unacceptable behaviours on the internet.

Online relationships - explore ways people can deceive you with regards to their identity. Discuss how discussions online have more scope for mistranslation as just written text and explore some healthy/unhealthy online habits.

Privacy and security - Explore ways to strengthen a password to make it less vulnerable to hacking. Explore some of the

#### Key Vocabulary

Search engine - an internet service that allows you to search for things quickly using key words

Website - an address on the internet

Clickbait - fantastical, false information designed to grab your attention so you visit a website

Pop-ups - targeted advertisements that 'pop-up' on your screens

Cookies - information websites can use to track what you do/go on/click on

Reporting - telling an organisation/police about bad behaviour on the internet

CEOP - an online organisation you can report bad behaviours to

Disinformation - the deliberate spreading of wrong information and facts

Misinformation - when people spread the incorrect information (often without knowing it is incorrect)

Trolling - targeting someone online and persistently upsetting them

Online bullying - deliberately upsetting someone via technology.

Password strength - the stronger a password, the harder it is for someone to work it out and break your security

Special characters - symbols you can use for passwords that are not letters or numbers e.g. £\$%^&\*!

#### Key Resources





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#### Key Image



#### Key Questions:

What could be included in a game that would give it an older age restriction? Violence, bad language, in app purchasing, fear

If I want to use a picture or video from the internet what must I also include with it? The name of who made it or the website I got it from.

Can I learn everything about a person by what they do/put on the internet? No, people choose what to include and what not to. You can't assume you know everything about a person just by what you read or see of them on the internet.

Why would someone make an avatar that looks different to them? To protect their identity or to express themselves in a way they might not want to/be able to in real life e.g. different hair colour/clothes.