



PURPLE MASH

LESSON 2

RECAP THE SMART RULES FOR ONLINE SAFETY

The internet is a brilliant place to learn and explore,
just remember to always be **SMART!**



IS FOR SAFE

Never give out personal information to strangers on the internet. Personal information includes things like your home address and your birthday.



IS FOR MEET

Never ever meet up with a stranger you have met online unless a parent or guardian has said it is ok and is present. Never, never, never, never, never.



IS FOR ACCEPTING

Don't open emails from people you don't know, they could contain viruses. If you get a strange email from a friend and you think they might have a virus make sure you let them know!



IS FOR RELIABLE

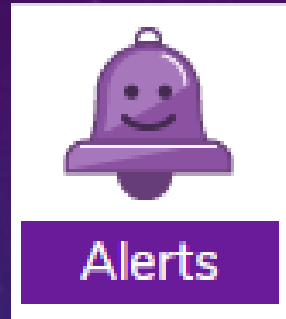
Don't believe everything you read online, check your facts! Did you read it on a reliable website (like the BBC)? Are other websites saying the same thing? Does it tell you where they got the information from?



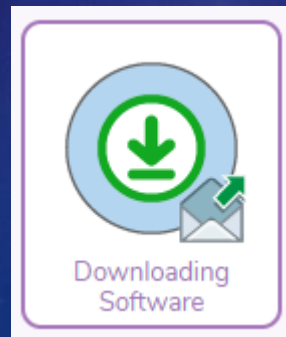
IS FOR TELL

If you have an online safety problem, make sure you tell someone. Tell a parent, guardian, or teacher as soon you can.

LOG IN TO PURPLE MASH AND CHECK YOUR ALERTS.



YOU SHOULD HAVE AN ALERT CALLED DOWNLOADING SOFTWARE. OPEN IT AND IT WILL TAKE YOU TO 2RESPOND WHERE YOU WILL HAVE AN EMAIL.



YOU WILL HAVE AN EMAIL FROM JAMIE ASKING FOR YOUR
ADVICE.



READ THROUGH THE EMAIL, WHAT DO YOU THINK
JAMIE SHOULD DO?

YOU CAN REPLY TO THE EMAIL WITH YOUR
SUGGESTIONS.

Beware Malware



Have you ever downloaded software or
apps to devices?
How did you know it was safe to do so?





What is malware?

Malware is the name for a type of software designed to cause viruses on your device.

Often it will hide itself inside an advert promising an exciting game; this is called a 'hook'.

Sometimes adverts pop-up in other free apps and encourage you to download them, you need to make sure that you are considering your safety before downloading.

Has this happened to you? What did you do?

If you have any doubts what should you do?

Where should you click to download the app that you wanted ?

The screenshot shows a website interface for downloading a font named 'Legothick'. At the top, there are four buttons: 'Font LEGO', 'Microsoft Word', 'Legothick Font Free', and 'Windows Free'. Below these is a promotional banner for 'Grab your Pass today.' with a 'Start winning' button. The main section features the font name 'Legothick' with details: File size: 12.7kb, Favorites: Add to favorites, and Rate this font: 4 stars. A 'Font' button is present. Below this is a text input field 'Type your text here', a 'Font name' dropdown, and a 'DOWNLOAD' button. A section titled 'LOWERCASE CHARACTERS' shows a preview of a character. To the right, there are social media icons, a 'CLICK HERE Start Download' button, and a 'Click to Start Download' link. At the bottom, there is an advertisement for 'Email Security Software' with a 'DOWNLOAD' button.

Lucky Block

One block. Endless possibilities.
Now with the Combat Update!

1) Download Now Free - Free Instant Download!

2) Start Download!



It can be very confusing!

CONTINUE

Start Download



Free Download - View PDF
Download & Start Now!



A lot of downloads such as mods for games that you might want to download, send you through something called **AdFly** when you click to try to download.

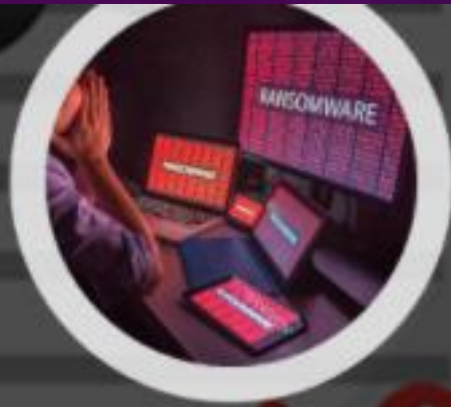
Adfly is a service which pays the website owner to show adverts to anyone who tries to download their apps. Often these adverts look like download buttons so that people click on them; this makes money for the advertisers.

This in itself isn't dangerous, but the thing to watch out for is the ad itself - it could be a link to anything. Usually, if you wait five seconds, a link will appear in the top right-hand corner that says '**Skip Ad**'. You should click on this – **don't click on the ad itself**, even if it looks just like a valid download link.

Take care to read what you are clicking on. Sometimes, you can be in a hurry but you must read the links carefully.

What is a computer virus?

- There are different types of viruses. Some disrupt functions of your device and stop it working.
- Some worm their way through your data finding personal information. This is usually in an attempt to steal your identity and obtain money.
- Ransomware can hold you to ransom, demanding your bank details or money transfers before your computer will work again. Even then, it might not fix it.
- Viruses don't just attack individuals, they can bring down large organizations such as the NHS.





Click on the padlock symbol on the Purple Mash page. This is a way to check that the security certificate matches what you expect from the site. You could also click on the Certificate link to see details for the certificate.

purplemash.com/#tab/teachers

Apps ScholarPack Login ClassDojo Hit the Button Purple Mash RWI Spelling Music Express LPS Closure Website Super Movers GoNoodle

purple mash

Home 2Dos Work Data Sharing Teachers Admin Help

Teachers Search

Planning:

Resource Sharing Teachers Computing Scheme of Work Subject Leader's Toolkits Grammar Resources Spelling Resources PHonics User Guides and Planning

Teacher Online Safety Resources Featured Panel Calendar Education for a Connected World Deep Dive in Computing Mash Club Digital Leaders School Closure and Home learning

Curriculum Maps:

purple mash Early Years Purple Mash in Early Years

Teach Computing & purple mash NCCE and Purple Mash

SWITCHED ON Computing PM and Switched On Computing

purple mash S M S C Purple Mash and SMSC

purple mash Purple Mash in England

purple mash Purple Mash in Scotland

purple mash Purple Mash in Wales

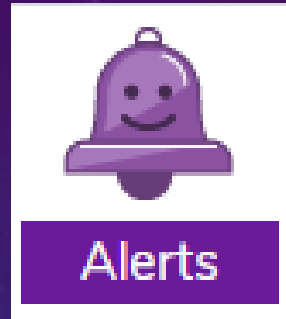
purple mash Purple Mash in Northern Ireland

Cookies

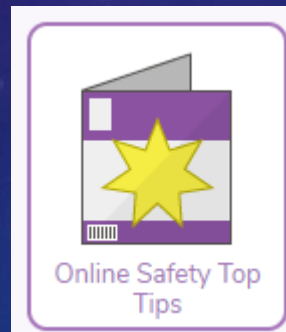
- From the padlock screen, look at the Purple Mash cookies. Purple Mash cookies store information that means that if you accidentally shut down your browser while you are working without saving, you can often open Purple Mash and it takes you back to your school page and to your work. They also store the language that you use so pages are presented in the correct language.
- However, cookies can be used to track you online and to show you adverts for things that you are likely to click on. Especially if the company earns money each time a person clicks on a link on their site. They are more of a privacy concern than a virus concern.
- You can delete cookies from your computer from time to time but it will remove the good cookies as well as the tracking ones so be aware of this.



CHECK YOUR ALERTS AGAIN.



YOU SHOULD HAVE AN ALERT CALLED ONLINE SAFETY TOP TIPS.



YOU ARE GOING TO CREATE AN ONLINE SAFETY TOP TIPS COMIC BOOK.

- Each box could contain a character and a speech bubble giving advice about one of the areas we have been looking at e.g.
 - Phishing and SCAM emails
 - Identity theft – someone taking your details and pretending to be you online.
 - Your digital footprint – what is important to remember about what you share online?
 - Malware
 - Computer Virus
 - Secure websites and cookies

Extension:

Pupils should open 2DIY2Quiz and select the multiple-choice quiz option. They should aim to create a 6-question quiz where the user must decide which aspect of Online Safety (from lesson point 5) is being described.



e.g.

- You will give a definition or example and the person taking the quiz will have to select from one of the online safety terms we have looked at which are:
 - Phishing and spam
 - Identity theft
 - Digital footprint
 - Malware
 - Computer virus
 - Secure websites and cookies