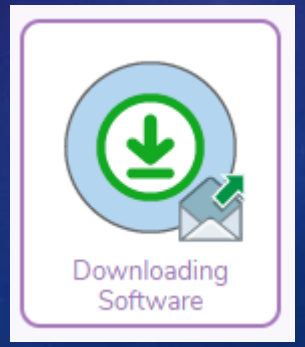
PURPLE MASH

LESSON 2

RECAP THE SMART RULES FOR ONLINE SAFETY

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.

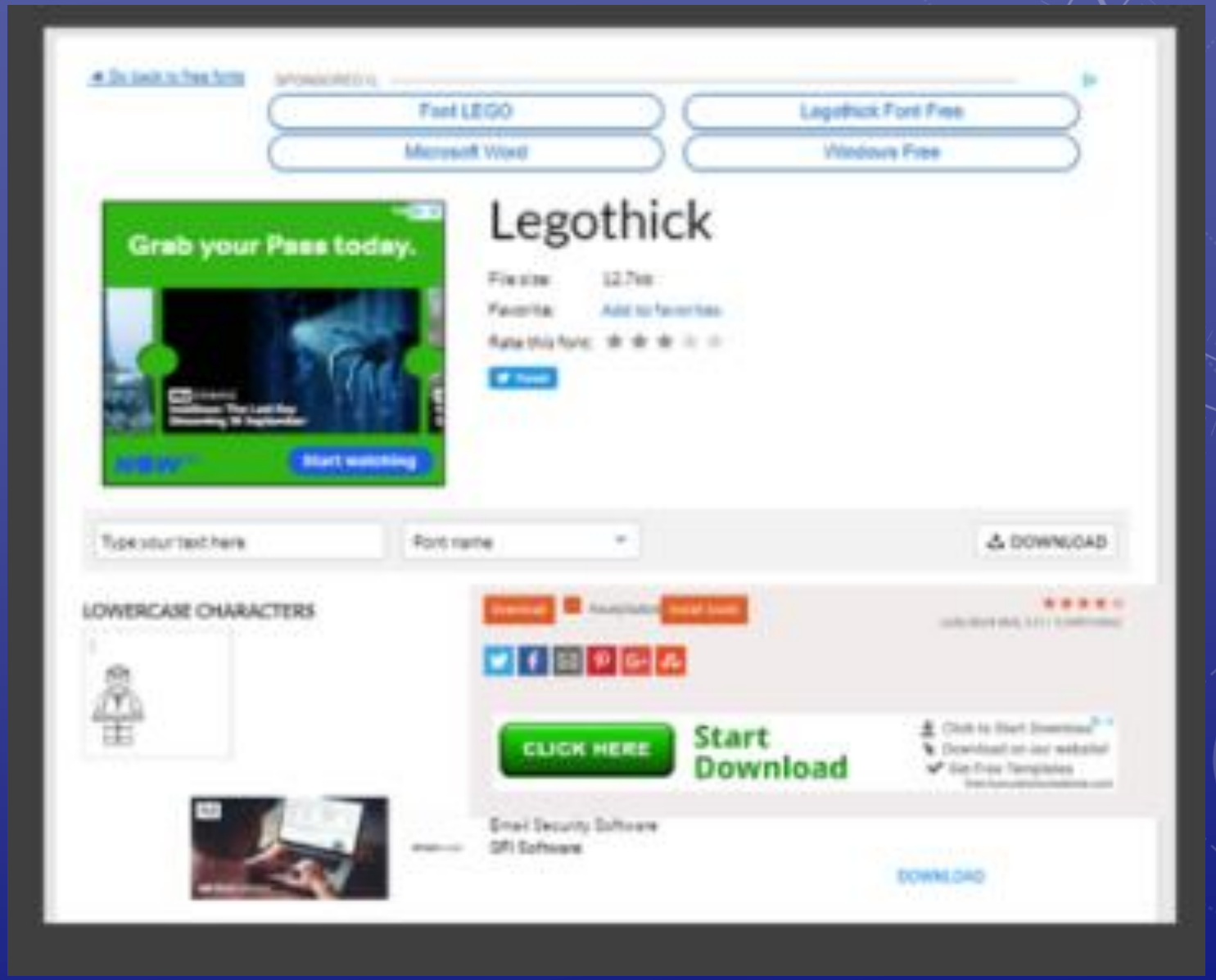
Often it will hide itself inside an advert promising an exciting game; this is called a 'hook'.

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 ?



It can be very confusing!

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.

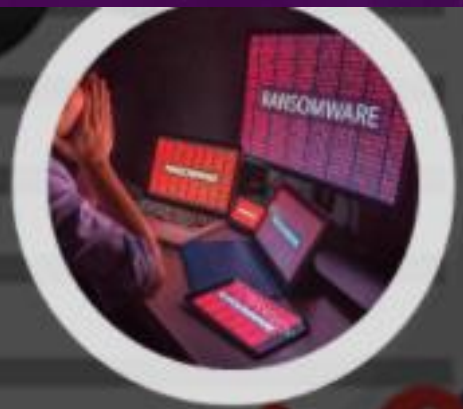
Adfly is a service which pays the website owner to show adverts to anyone who tries to download their apps. Often these adverts look like download buttons so that people click on them; this makes money for the advertisers.

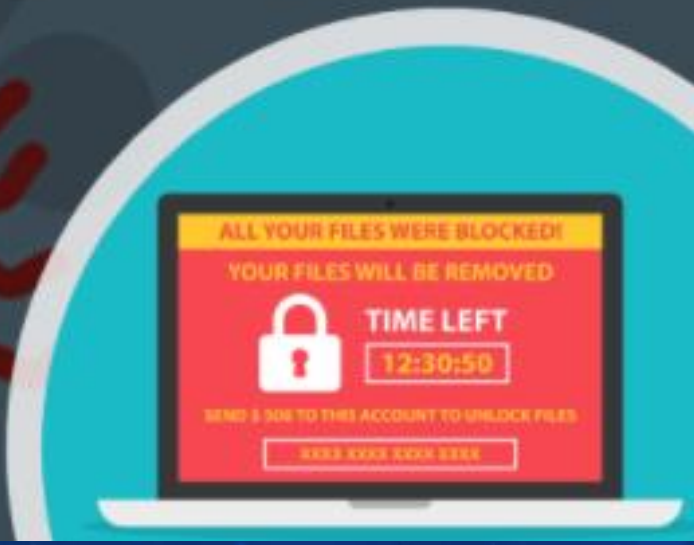
This in itself isn't dangerous, but the thing to watch out for is the ad itself - it could be a link to anything. Usually, if you wait five seconds, a link will appear in the top right-hand corner that says '**Skip Ad**'. You should click on this – **don't click on the ad itself**, even if it looks just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

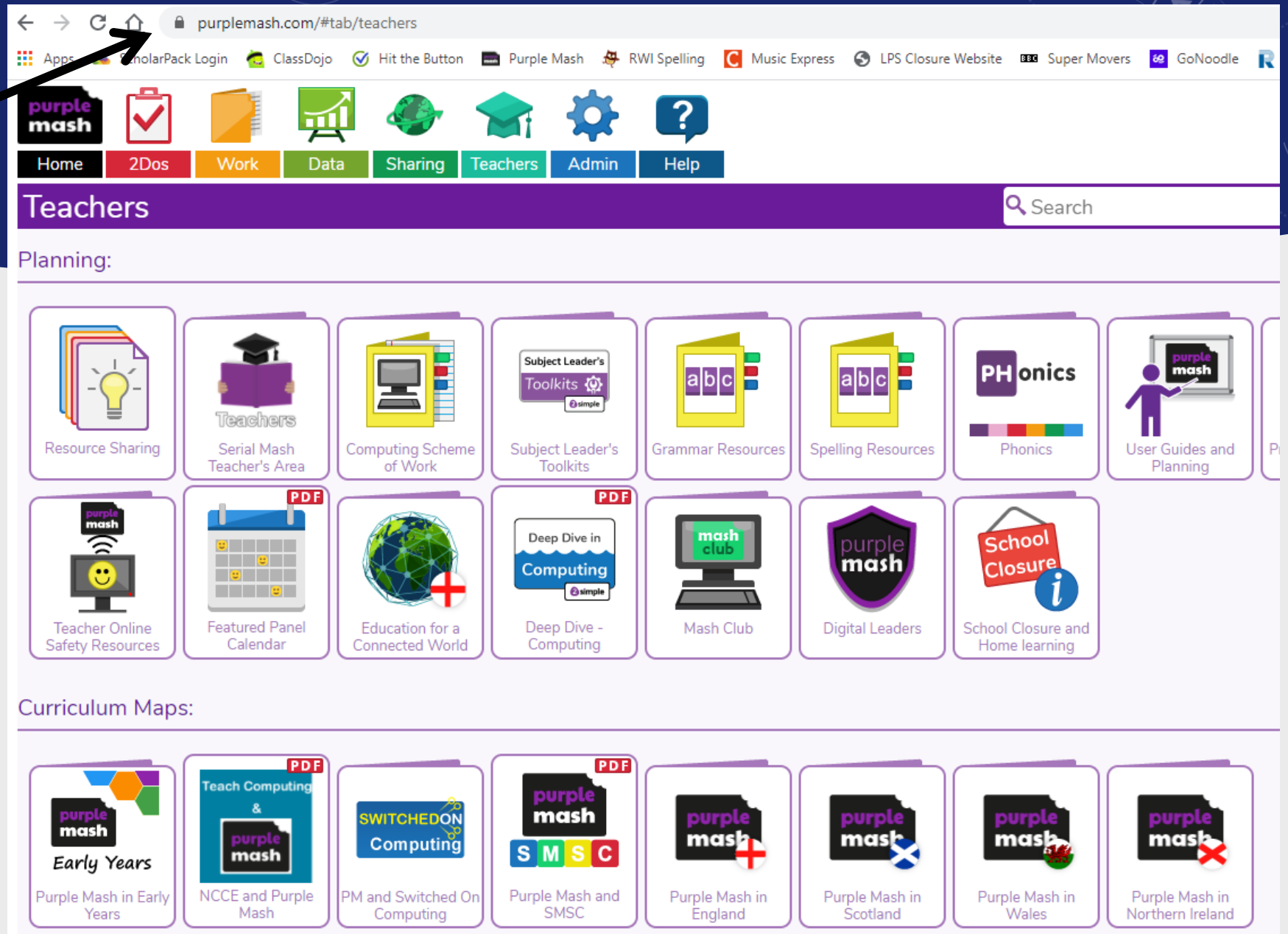
What is a computer virus?

- There are different types of viruses. Some disrupt functions of your device and stop it working.
- Some worm their way though 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.

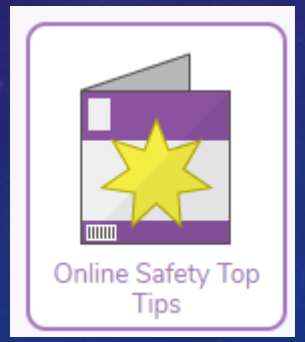


Cookies

- From the padlock screen, look at the Purple Mash cookies. Purple Mash cookies store information that means that if you accidently 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 2DIY\2Quiz 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