Definition of Cyber Safety Terms

Term:	Definition:
Computer Worm	A computer worm is a malware program that replicates itself in order to spread to other computers. It often uses a computer network to spread a virus, relying on the security vulnerabilities of the targeted computer to access it. A computer worm and other forms of viruses typically spread from using a portable storage device.
Data Security	Data security is an integral part of cyber safety. It aims to protect confidential and sensitive information from accidental or intentional unauthorised modification, destruction or disclosure.
ICT	Information and Communication Technologies.
Identity Theft	Identity theft, also known as identity fraud, is a crime in which an imposter obtains key pieces of information that can personally identify someone, in order to impersonate them. Examples of personally identifiable information include a date of birth or driver's licence number.
Malware	Malware is short for 'malicious software' and it is sometimes referred to as a 'virus'. It's a computer program designed to infiltrate and damage computers without the user's consent.
Phishing	Phishing is a type of internet fraud scam where the scammer sends messages that appear to be from legitimate institutions, usually to try to trick the recipients into giving away private information such as usernames, passwords, or account numbers. The messages often contain a link to a fake website which entices the recipient to enter private information. Phishing emails appear to be from a known and trusted source, but the links and any attached files are designed to bypass security and gain unauthorized access to a network.

Term:	Definition:
Phishing, continued	Example of a phishing email: From: Mike.Taylor@top.credit.corp.org.au To: Staff.Salina@organisation.org.au Subject: Notification of account suspension Dear Salina, We wish to inform you that your credit card with Top Credit Corporation has been suspended due to the detection of suspicious activity. Your account will be suspended until you verify your account details within **24 hours**. **PLEASE RESPOND** by providing your full name, driver's licence number and your current bank account details. Regards, Credit Administrator Top Credit Corporation
Spear Phishing	Spear phishing is a type of phishing attack that targets a specific individual, organisation or business using very realistic 'bait' or messages. It is often intended to steal data for malicious purposes and the scammer may also install malware on a targeted user's computer.
Spoofing	Spoofing is a scam that uses certain apps to make false calls *(known as vishing)* and send SMS *(known as smishing)* from any phone number to trick people into falling for scams.
Whaling	Whaling is a type of phishing attack that targets high-profile employees, such as directors and executives. The goal is to steal sensitive information from a company targeting those in senior positions, because these employees typically have access to more sensitive information. Example of a whaling email: From: CFO.Mike@organisation.org.au To: Executive.Bob@organisation.org.au Subject: Fund Transfer Hi Bob, I'm currently out of the office but could you please make an urgent fund transfer on my behalf to our key vendor today. The link below will take you to the relevant site, and just follow the prompts. Thanks, Mike