



## Week 1 'Welcome to the Compu ng Lab'

### Core Knowledge

- x Password A secret word or phrase which allows access to a computer system or service. Example: FishCloudRoad23#
- x A computer lab is a space which provides computer services to a defined community.

### Key Literacy HAZARD

Definition: A danger or a risk

Associated terms: Contact, Risk, Fire, Hazard, Damage, Threat

- x It's a pre hazard
- x Wet roads are a hazard to drivers.
- x Sheep are a traffic hazard in the hills.
- x Loose network cables may cause a hazard

## Week 2 'Online Relationships'

### Core Knowledge

- x What is an online relationship?
- x Signs of a harmful online situation
- x Developing Healthy Online Relationships
- x Understanding your digital Footprint
- x Understanding positive and Negative Social Media comments and the effects

- x I am now getting engaged, I met Mia through an online dating app and we were in an Online Relationship for 3 months before we met

## Week 3 'You & Your Data'

### Core Knowledge

- x Data is raw facts and figures.
- x Information is created when that data has been processed and becomes meaningful
- x Data social media companies might collect Personal info: Name, date of birth, Content Images, status updates, emojis created, User behaviour. Pages you have visited, Groups you have joined, Games played, Events attended, Search History, Data you have on others: Names of your friends and their numbers.

### Key Literacy DATA

Definition: Data is information that is collected and used to learn about something. Information is knowledge or facts that help us understand or learn about various different things.

Associated terms: Facts, Symbols, Process, Text, Images, Numbers

- x I need to input the data into the spreadsheet.
- x We have collected data from a survey.
- x Your personal information is private.
- x The website contains some useful information.

## Week 6

### Core Knowledge

- x Shouldering (also known as shoulder surfing) is an attack designed to steal a victim's password or other sensitive data.
- x A phishing engineering is a tactic where you are tricked into sharing your personal information.

- x The company's security measures were breached through a social engineering scheme.

### Core Knowledge

- x Why might people want to hack? steal data, disrupt services, financial gain, political reasons, fun, ethical reasons
- x Ethical Hacking: Pen testers are people who are paid to legally hack into computer systems with the purpose of helping a company identify weaknesses in their system.
- x Unethical Hacking: When hackers access a network with the intent of stealing sensitive data, money, and accessing restricted networks and systems.
- x Denial of service attack: This is done by flooding the targeted machine or website with lots of requests in an attempt to overload the system.
- x Brute force attack: a form of attack that makes multiple attempts to discover something (such as a password).

### Key Literacy Hacking

Definition: Hacking is when someone gains unauthorised access to a computer or network system.

Associated terms: Unauthorised, Illegal, Violate, Privacy

- x The company's website was hacked last night.

### Key Literacy Security Protection

Definition: Security protection is when you put a system into place to safeguard against security threats or unauthorised access to systems

Associated terms: Encryption, Password, Antivirus, Hazard