

SYSTEMS

- **IP Address** - stands for Internet Protocol, which are special addresses networked computers use to communicate with each other.
- **DNS** - Domain Name Server, matches an IP address to the domain (website).
- **Data Packet** - Information inside the message that travels along the network to another networked computer.



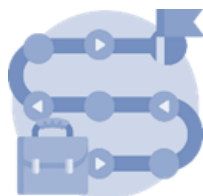
PROGRAMMING

- **Debugging** - the process of identifying and removing errors from computer hardware or software.
- **HTML** - computing language used to in web creation.
- **Copyright** - Legal ownership of creative code, images or text.



CAREERS

- **Web Developer** - a creator of websites, ensuring the website is visually appealing and easy to navigate. Many web developers are also responsible for the smooth running of the website.



SAFE AND RESPONSIBLE

- **Reporting** - recognising the agencies and people that incidents online can be reported to, such as CEOP (Child Exploitation and Online Protection).
- **Scam** - a deceptive scheme or trick used to trick someone out of something, usually money.
- **Cyber security** - defending computers, servers, mobile devices, electronic systems, networks and data from malicious attacks.



Key vocabulary and meanings

Virus - A type of software that can make copies of itself and invade other computer programs, causing damage

Firewall - Software or hardware which protects your computer by controlling what data can be passed onto your computer network

Hacking - When someone accesses your computer or the data held on it without your permission or knowledge

***Anti-virus software** - Software which scans and monitors files on the computer looking for changes that may indicate a virus has infected them

***Data** - Information converted into digital form in order for a message to be sent