



YEAR 4 COMPUTING, UNDERSTANDING THE INTERNET

Key Vocabulary:

Internet: A global network of computers that allows communication, sharing of information, and access to websites through various devices.

Website: A collection of web pages that are accessed through a specific URL and contain information, multimedia, and interactive elements.

URL (Uniform Resource Locator): A web address that specifies the location of a specific webpage or resource on the internet.

Web Browser: Software application used to access and view websites, such as Google Chrome, Mozilla Firefox, or Microsoft Edge.

Search Engine: An online tool that helps find information on the internet by entering keywords or phrases, examples include Google, Bing, and Yahoo.

Hyperlink: A clickable element on a webpage that takes you to another webpage or a different section on the same page.

Online Safety: Practicing responsible behavior when using the internet, including protecting personal information, avoiding cyberbullying, and recognizing online risks.

Privacy Settings: Configurations on websites and apps that allow users to control the information they share and who can access it.

Digital Footprint: The trail of information and data left behind by a person's online activities, including posts, pictures, and comments.

1. Pupils take part in a hands-on **unplugged activity** to build the knowledge and understanding relating to the learning objective



2. Pupils use an information technology/digital literacy tool to share what they have learnt

So in this unit, pupils:

Create a human model of the Internet



Create a **Green Screen Video** about what they discover using the **DARES** approach.

The main app for this project will be [Adobe Spark Video](#)

Interesting Facts:

1. The internet is estimated to contain over 1.5 billion websites as of 2021.
2. The average internet user spends approximately 6 hours and 43 minutes online daily.
3. The world's first email was sent in 1971 by Ray Tomlinson.
4. The internet relies on an extensive network of undersea cables that span the globe.

