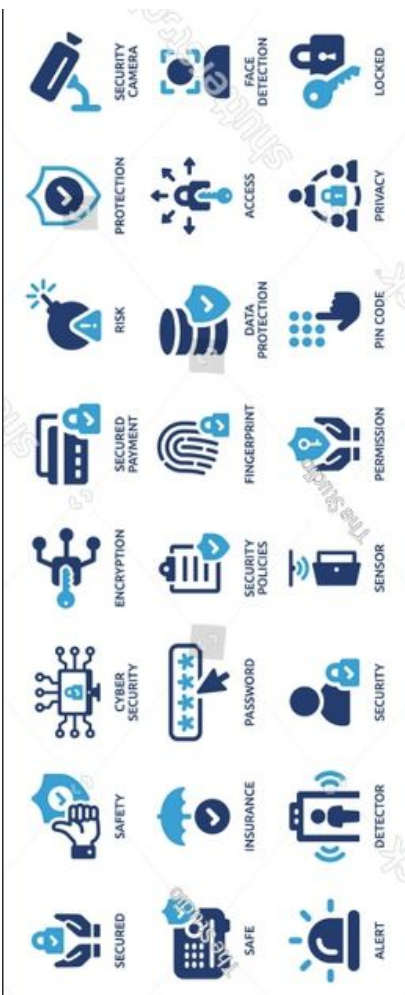


TOPIC OVERVIEW: 8.1 CYBER SECURITY



What **BIG IDEAS** will you cover in this topic?

In this topic, you'll learn how to keep your personal information and online activities safe from cyber threats. Think of cyber security as a set of rules and tools that help protect you from online dangers, just like wearing a helmet protects you when riding a bike.

What other key concepts, knowledge and skills will you learn in this topic?

- **Passwords and Encryption:** Learn how to create strong passwords and understand how encryption keeps your data safe.
- **Phishing and Malware:** Recognize signs of phishing attempts and malware to avoid getting tricked or infected.
- **Antivirus and Firewall:** Understand how antivirus software and firewalls help protect your devices from threats.
- **Data Protection:** Learn how to protect your personal information and keep it private.
- **Social Engineering:** Be aware of tactics used by scammers to trick people into giving away personal data.

What important prior knowledge will you use from your prior learning?

You'll use your basic understanding of using computers, smartphones, and the internet. If you know how to browse the web and use apps, this topic will help you learn how to protect your data and devices from online threats.

Assessment: How and when will you be assessed on this topic?

- Quizzes: Short quizzes to test your understanding of cyber security terms and concepts.
- Practical Exercises: Activities like creating strong passwords or identifying phishing emails.
- Assessment: On the computer, there will be an end of term assessment.

Where does this topic fit into the curriculum plan for this subject?

This topic is crucial for understanding how to stay safe online and protect your personal information. It's a key part of becoming a responsible digital citizen and sets the stage for more advanced topics in internet safety and digital responsibility.

What is the key vocabulary that you will need to know in this topic?

Cyber Security, Password, Encryption, Phishing, Malware, Antivirus, Firewall, Data Protection, Hacker, Social Engineering, Ransomware, Spyware, Two-Factor Authentication, Secure Connection, Virus, Trojan, Worm, Security Breach, Identity Theft, Privacy Settings.

What is the structure of learning/lessons in this topic?

- 8.1.1 You and Your Data
- 8.1.2 Social Engineering
- 8.1.3 Hacking
- 8.1.4 Rise of the Bots

TOPIC OVERVIEW: 8.2 WEB DESIGN [HTML]

What **BIG IDEAS** will you cover in this topic?

In this topic, you'll learn how to create your own website using HTML, the language that builds the structure of web pages. Think of HTML as the foundation of a house, where you'll use building blocks to set up your site, add images, create links to other pages, and organise information with tables. By the end, you'll be able to design a basic but functional website that you can share with friends and family.

What other **key concepts, knowledge and skills** will you learn in this topic?

- **Website Building Blocks:** Learn about the basic HTML tags and elements used to create the structure of a webpage, like headings, paragraphs, and lists.
- **Images:** Discover how to add images to your website and adjust their size and placement.
- **Hyperlinks:** Create links that connect your webpage to other pages or websites, allowing users to navigate between them.
- **Tables:** Use HTML tables to organize and display data in rows and columns, making it easy to present information clearly.

What important **prior knowledge** will you use from your prior learning?

You'll use your basic understanding of how websites work and your familiarity with navigating the internet. If you know how to use a web browser and understand simple concepts like clicking links and viewing images, you're ready to start building your own website.

Assessment:

How and when will you be assessed on this topic?

- **Quizzes:** Short quizzes to test your understanding of HTML tags and web page elements.
- **Practical Activities:** Hands-on tasks to build a simple webpage, add images, create hyperlinks, and design tables.
- **Projects:** Create a complete webpage or a small website demonstrating the use of HTML building blocks, images, hyperlinks, and tables.
- **Assessment:** On the computer, there will be an end of term assessment.

Where does this topic fit into the **curriculum plan** for this subject?

In Year 8, from January to April. This topic introduces you to HTML and the fundamentals of web design, providing a foundation for creating and organizing content on the web. It sets the stage for more advanced web development skills and helps you understand how websites are built and maintained.

What is the key **vocabulary** that you will need to know in this topic?

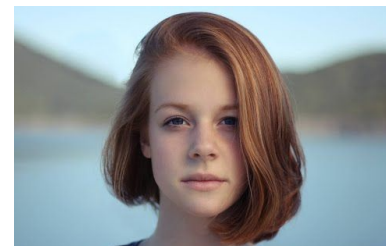
HTML, Website, Tag, Element, Attribute, Image, Hyperlink, Table, URL, Header, Footer, Link, Code, Webpage.

What is the structure of learning/lessons in this topic?

- 8.2.1 Website building blocks
- 8.2.2 Images
- 8.2.3 Hyperlinks
- 8.2.4 Tables

```
1 <!doctype html>
2 <html lang="en">
3 <head>
4 <meta charset="utf-8">
5 <title>Hello, world!</title>
6 </head>
7 <body>
8 <h1>Hello, world!</h1>
9 <p>My first web page.</p>
10 </body>
11 </html>
```

TOPIC OVERVIEW: 8.3 PHOTO EDITING [PHOTO PEA]



MEDIA CODES

TECHNICAL CODES

CAMERA
EDITING
LIGHTING
SOUND
SPECIAL EFFECTS

WRITTEN CODES

TEXT
TYPOGRAPHY
GRAPHICS

SYMBOLIC CODES

ACTING
SETTING
MISE EN SCENE
COLOUR
VISUAL COMPOSITION

What **BIG IDEAS** will you cover in this topic?

In this creative and technical topic, you'll explore the exciting world of digital photo editing. You'll learn how to use Photopea, a powerful free alternative to Photoshop, to edit images like a professional. From cutting and layering to creative text effects, you'll gain real design skills that are used in advertising, media, and publishing.

What other **key concepts, knowledge and skills** will you learn in this topic?

Technical Skills:

- Learn how to place an image inside text or a specific shape using layer masks.
- Cut out people or objects cleanly from the background using Photopea's AI-based selection tools.
- Wrap text around objects or make curved text for visual impact on covers or posters.

Design Theory and Media Literacy:

- Understand key features of magazine design (like mastheads, cover lines, and barcodes)
- Learn how language, layout and imagery are used to appeal to different audiences

What important **prior knowledge** will you use from your prior learning?

Basic digital skills like using a mouse, selecting tools, and saving files. An understanding of audience and purpose from English or Art. Familiarity with layers and design elements from previous computer or media work is helpful, but not essential

Where does this topic fit into the **curriculum plan** for this subject?

In Year 8, from April to June. This topic brings together creativity, technical skills, and media understanding. Whether you're interested in graphic design, marketing, journalism, or digital art, these are real-world skills that link directly to Media Studies, and beyond.

What is the **key vocabulary** that you will need to know in this topic?

Photopea, Layer, Clipping Mask, Magic Cut, Selection Tool, Path Text, Typography, Masthead, Cover Lines, Colour Scheme, Target Audience, Mode of Address, Image Composition, Branding

Assessment:

How and when will you be assessed on this topic?

- **Mini Skill Tasks** – Screenshot-based evidence of each new tool/technique learned in Photopea
- **Design Theory Quizzes and Annotation Tasks** – Applying your understanding of media conventions
- **Magazine Cover Project (Chosen Country)** – A guided creative project using your skills
- **Final Practical Assessment (WCHS Magazine)** – An independent project using all tools and theory to produce a professional-quality school magazine front cover

What is the **structure of learning/lessons** in this topic?

- 8.3.1 – Clipping Mask
- 8.3.2 – Magic Cut
- 8.3.3 – Typing on a Path
- 8.3.4 – Conventions & Modes of Address