

# INFORMATION & COMMUNICATION TECHNOLOGY (ICT)

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Pupil year: L4 (Yr 8)

Head of Department: Mr S Ryder

## SUBJECT OVERVIEW

The focus of the L4 ICT Course is to develop students understanding of the techniques and skills used in the creative media industry. Students will complete three projects, each focusing on a different aspect of the creative media industry.

### Subject Topic

#### **Graphic Design:**

- Introduces students to the concepts of graphic design and shows students how to use a range of graphics applications to produce their own versions of classic 1920's Art Deco Travel Posters and Pop Art Posters .
- Introduce students to a number of different applications including Adobe Photoshop, Adobe Fireworks and Adobe Illustrator.

### Subject Topic

#### **Web Design And Creation:**

- Introduces students to the concepts of web design and creation and includes the production of mock-ups, graphics, animations and web pages that will be linked together to form a whole website.
- Introduce students to a number of different applications including Adobe Dreamweaver, Adobe Flash, Adobe Fireworks and Adobe Illustrator.

### Subject Topic

#### **Computer Games Design And Programming:**

- Introduces students to the concepts and techniques used to design and produce computer games
- Introduce students to Microsoft's Kodu Game Lab programming language and environment, allowing students to design and produce their own computer games.

### Skills / Attitudes

#### **Graphic Design:**

- Graphic Design General Concepts
- Students will learn about what the graphic design is and how graphic design is used in the world around them, from digital artwork to advertising and illustration
- Graphics (Adobe Fireworks And Adobe Photoshop): Students will learn how to prepare and manipulate graphics and images for use in their 1920's Art Deco Travel Posters and Pop Art Posters
- Graphics (Adobe Illustrator): Students will learn how to create 1920's Art Deco Travel Posters and Pop Art Posters using a range of different tools and techniques

### Skills / Attitudes

#### **Web Design And Creation:**

- Web Design General Concepts
- Students will learn about what the web is and how the web was created. They will also have a look at some of the different languages that are used to create web pages, as well as learning how to write simple web pages using HTML.
- Web Design (Adobe Dreamweaver): Students will learn how to use Adobe Dreamweaver to create their own interactive multimedia web site.
- Graphics (Adobe Fireworks): Students will learn how to prepare and manipulate images for use in their web sites
- Graphics (Adobe Illustrator): Students will learn how to create a plan and mock up of their web site.
- Multimedia (Adobe Flash): Students will learn how to design and create multimedia animations to add impact to their web sites

### Skills / Attitudes

#### **Computer Games Design And Programming:**

Computer Programming: Students will learn how to use Microsoft's Kodu Games Lab to design and create their own three dimensional computer games