

# ICT Option

# you can choose!

Cambridge Nationals **IT Level 1/Level 2**



## What will I learn?

### R050 - IT in the Digital World

- Looking at ICT Design Tools
- Human Computer Interfaces
- ICT Data and Testing
- Cyber-Security and legislation
- Digital Communication Technologies
- Internet of Everything

### R060 – Data Manipulation Using Spreadsheets

- Planning and Designing a Spreadsheet Solution
- How to Manipulate Data
- Creating a Spreadsheet Solution
- Test and Evaluate a Solution

## Assessment Style

### External Assignment

Exam

70 marks

1 hour 30 minutes

40% of Course

**48Hrs**

### Internal Assignment

Coursework

60 marks

30% of Course

**36Hrs**



# Year 11

## What will I learn?

### R070 – Using Augmented Reality to Present Information

- Augmented Reality (AR)
- Designing an Augmented Reality (AR) Prototype
- Creating a Augmented Reality (AR)
- Testing and Reviewing Augmented Reality (AR)

## Assessment Style

Internal Assignment

Coursework

60 marks

30% of Course

36Hrs

# ICT



### How Snap Chat uses Augmented Reality



## Where can ICT take you?

<p>Careers in iMedia:</p> <ul style="list-style-type: none"><li>• System/hardware Engineer</li><li>• Data Analyst</li><li>• Software Developer</li><li>• Teacher</li><li>• Computer Programmer</li><li>• Network Administrator</li><li>• IT Technician</li><li>• Computer Games Designer</li><li>• Web developer</li><li>• System/hardware Engineer</li><li>• Data Analyst</li><li>• Software Developer</li><li>• Teacher</li></ul>	<p>Higher Education/University Courses:</p> <ul style="list-style-type: none"><li>• Computing</li><li>• Computer Science</li><li>• Computer Games Design</li><li>• Creating Digital Graphics</li><li>• Games Programming</li></ul>	<p>Post sixteen courses at SWB:</p> <ul style="list-style-type: none"><li>• A level Computer Science</li><li>• BTEC level 3 Information Technology</li></ul>
---	--	--



# Benefits of Choosing ICT

## Using software and look at methods of Design in Augmented Reality, Virtual Reality

- More coursework to get marks
- 2 attempts at exam
- Use Excel, Word, Augmented Reality software
- Develop Augmented Reality
- Graphics Design
- Get to complete coursework on computers



# ICT FAQs

- Do I get to create games?

## ICT

- ICT does not focus on creating games more on how to use software such as Word, PowerPoint & Photoshop, Augmented Reality Software.
- Creating solutions to real world problems, Pokémon Go, Virtual Maps, Google Glasses.

# ICT FAQs

- Do I get to build a computer?

## ICT

- ICT focuses on the use of software and how to create a project such creating a digital products from start to finish.
- Creating spreadsheets, different takes on digital reality (AR, VR) specialist software that is used in the real world.

# ICT FAQs

- Do I need ICT or Computer Science?

## ICT

- ICT is a qualification and subject that is always needed in every type of work/industry.
- Jobs now and in the future are becoming more reliant on the use of computers so a qualification in computers can give you a real edge.
- Every job in your future will require you to use computers! Get the qualification to showcase your skills and expertise!