CEFN SAESON COMPREHENSIVE SCHOOL

ICT

2019

Details at a Glance

Qualification

GCSE

Level

1 & 2

Exam Board

WJEC

Tiered

No

Limited Group size

Yes

Staff

Mr D Evans

Course Structure

WJEC Information & Communication Technology (ICT) offers you a unique opportunity to identify and solve real problems by designing spreadsheets, databases and using desktop publishing in a wide range of contexts relating to your own personal interests.

You will develop your capacity for imaginative, innovative thinking, creativity and independence.

The course offers the opportunity to acquire competence, capability and critical skills through the creation, implementation, use and evaluation of a range of ICT systems, whilst developing your interest in and enjoyment of ICT as an integral part of modern society.

A large proportion of homework set in year 10 and 11 centres on the examination and requires pupils to study for regular tests using questions from previous GCSE examination papers.

UNIT 1 **Understanding ICT**

This unit looks at the applications software that is commonly used. It also looks at home entertainment, personal communications systems, emerging technologies, data protection issues and staying safe on line.

UNIT 2 **Solving Problems with ICT**

This unit will take a scenario and test students' ability to organise their folders, carry out research and design,

email, communicate information, model data, handle information and then evaluate it.

UNIT 3 **ICT in Organisations**

This unit investigates data validation, logging and control, web and presentation software, multimedia, digital imaging, animation, sound and music, networks, human computer interfaces, social and environmental issues and legal and ethical issues.

UNIT 4 **Developing Multimedia ICT Solutions**

In this final unit students develop graphical images that are integrated into an animated movie, with sound, that they create.

Examination/Assessment

Unit 1 Assessment

Examination 1.5 hours

Unit 2 Assessment

Controlled Assignment

22.5 hours

Unit 3 Assessment

Examination 1.5 hours

Unit 4 Assessment

Controlled Assignment

22.5 hours

Examination Board Website -

http://www.wjec.co.uk/qualifications/ict/information-and-communication-technology-gcse/