

Transition Material

BTEC L2 FIRST AWARD CREATIVE INFORMATION TECHNOLOGY



Qualification Details & Programme Overview

Edexcel BTEC Level 2 First Award in Creative Information Technology

This award is a 120 -guided-learning-hour qualification, has 25 per cent of the qualification that is externally assessed. Edexcel sets and marks these assessments. There is potential for the qualification to prepare learners for employment in the appropriate vocational sector and it is suitable for those who have decided that they wish to enter an area of work. It is broadly equivalent to one GCSE.

Faculty Contact Information

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Programme Timetable/Year Plan

Date	Unit	Unit Title
Sept - Jan	1	The Online World – Exam Unit
Feb - May	3	A Digital Portfolio – Website Development - Coursework
Sept - May	10	Database Development - Coursework

Task 1 – Online Services

What online services have you used today?

Every time you connect to the internet you use online services. You are passing information to other people or exchanging information with them. Online services and online communications can be used on any type of equipment i.e. desktop pc, laptop, tablet or smart phone.

Think about how you use the internet and online services

1. List all the online services you use and provide examples of how you use each service
2. Discuss which services are most important for :
 - ▶ Businesses
 - ▶ Education
 - ▶ People wanting to communicate with friends and family
3. Find the definitions for the key words
 - ▶ Spam
 - ▶ Unsolicited bulk mail
 - ▶ Affiliate model (affiliate website)
 - ▶ Online services

Online advertisement is a way to promote your business online.

4. Research the following and methods and explain what they are
 - ▶ Search engine results
 - ▶ Banner and pop up advertisements
 - ▶ Email marketing
 - ▶ Pay per click.

Task 2 Databases

1. Create some notes on what databases are, what are the advantages and disadvantages of databases. Amazon is a database what information would they hold within their database.
2. Create Slides about the different keywords of databases.
 - Record
 - Field
 - Primary key
 - Foreign Key
 - Query
 - Criteria
 - Report
 - Form
 - Data Type
 - Flat File database
 - Relational database
3. When we enter information into Databases, we must explain what type of data to expect. We have the following data types:

Text	Number	Date and time	Currency	Yes/No	Auto Number
A Text datatype will be used for fields which contain text such as name, hair colour, favourite food	A number datatype will be used for fields which only contain numbers. They contain whole numbers, decimal numbers or negative numbers	A date/time datatype will be used to store any data which is a date or which is formatted as time. E.g. date of birth, date you started school.	A currency datatype will be used to store data about money. It can be any world currency.	A logical or Boolean datatype is sometimes known as Yes/No datatype. It is used when a field can only have two options. E.g. Yes/No, Hot/Cold, Male/Female	Every record in a database needs a unique identifier which is called primary key. Auto number can be set up as primary key.

List the following data and explain what data types they would be.:

- Susan Small
- 100
- High Street
- 13/4/76
- Male
- £3.00