

Y12 BTEC Nationals Information Technology (exam Board Edexcel-Pearson)

BTEC Nationals Information Technology Pearson Units

Topics Studied

Unit 1 Information Technology Systems

Topics

- A- Digital devices in IT systems
- B- Transmitting data
- C- Issues relating to transmission in data
- D- Operating online
- E- Protecting Data and information
- F: Impact of IT systems

Unit 2 Creating systems to manage information.

Topic A-The purpose and structure of relational database management systems

- B- Standard methods and techniques to design relational database solutions
- C-Creating a relational database structure
- D-Evaluating a database development project. Unit 2

Databases are used to provide a range of applications from e-commerce and customer billing through to games and social media.

Desktop systems are design for personal use:
Examples Microsoft Access
Focused on single or small departmental applications.

Bridging Task

- Research how the digital revolution began and what led to the creation of the worldwide web? • Technology experiences- look at different geographical areas in the world and compare the Western world to other countries, how do they compare?
- What is your experience with technology and connection failure - have you lost connection, why did the connection fail?
- Do you use cloud storage? If so, what do you use it for and how? • Explore the options available for insuring your devices against security threats. Compare the different ways you can protect your devices and data.

Y12 BTEC Nationals Information Technology (exam Board Edexcel-Pearson)

- How much do you and your family rely on internet shopping? How would you manage without it and how would this impact on the way you manage your life?
- What are your principles and values? What influences your views of what is right and wrong?