

**Course Start**

Course Start is independent learning you need to complete as a fundamental part of your introduction to the course. It should take you approximately 5 hours to complete.

|  |  |
| --- | --- |
| Course Name | BTEC IT |
| How this **Course Start** fits into the first term of the course | *Our first unit is ‘Databases’*  *This piece of work will get you thinking about your own use of social media, audiences and how you might interact with a business on social media.* |
| How will my **Course Start** learning be used in lessons? | *In the first 2-3 weeks, we shall be referring to this piece of work as we develop our understanding of how Databases are used.* |
| **Course Start** learning objectives | * *To learn some key database terms* * *To research the typical use of a Database* |
| Study Skills | * **Research skills** - using suggested sources and identifying key information |

**Student name: ……………………….**

**Expectations for: BTEC IT**

Our specification is: [BTEC IT Level 3 AAQ](https://qualifications.pearson.com/content/dam/pdf/btec-aaqs/information-technology/2025/specification-and-sample-assessments/btec-level-3-national-ext-cert-in-it-aaq-spec.pdf)

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| **What this course involves** |
| Completing Planned Study (independent learning) of 4 hours per week |
| Creating and using Databases. |
| Completing a piece of coursework about Databases |
| Learning about Cybersecurity, and preparing for an exam |
| Learning a range of IT theory topics, and preparing for an exam |
| Learning HTML and CSS |
| Planning and developing your own website using HTML and CSS |

BTEC Level 3 IT

Welcome to BTEC ICT – as part of your preparation for the course we would like you to complete the following tasks and bring them to your first lesson.

In the first term you are going to create a social media campaign.

The following tasks will be preparatory work for your coursework in this unit.

**Task 1: Introduction to databases**

[Watch this video](https://craigndave.org/videos/ocr-alevel-slr10-databases-part-1/) (I’m sorry it’s from Computer Science A-level!)

Copy this table into your own document and complete the key word descriptions:

|  |  |
| --- | --- |
| **Database keyword** | **Description** |
| **Field** |  |
| **Record** |  |
| **Table** |  |
| **ER diagram** |  |
| **Primary Key** |  |
| **Foreign Key** |  |

**Task 2: Investigating Databases**

Think about your own lives.

What organisations might use a database that you interact with, or store data base you.

Copy this table and complete four more rows:

|  |  |  |
| --- | --- | --- |
| **Company** | **Description** | **How it uses a database** |
| ***Netflix*** | *An online video streaming company* | *Storing details about films/TV shows. It will need to store:*   * *Title of video* * *Genre* * *Rating* * *Foreign key links to Director / Actors* |
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