

Summer Task for BTEC IT

If you attended the taster sessions then please complete the following two tasks (if you did not attend the taster session please contact Ms L Dale at l.dale@cannockchase-high.staffs.sch.uk).

Task 1 : Skills

In the Taster sessions you will be given a log on and password for the website www.codecademy.com. You are asked to complete the Learn SQL module. The website provides clear explanations as to what you are required to do, make sure you read the instructions thoroughly and if you are unable to proceed you need to check the code you have entered very carefully.

Task 2: Research / Revision

Using key words from the lesson you need to create detailed notes for revision including each key word, this can take any form you choose eg: spider diagram, detailed notes, pictures to prompt recall, silly story with each word included.

Words to include in revision notes:

1. Relational Database
2. Flat File database
3. Desktop systems
4. Client - Server Systems
5. Open Source
6. Proprietary
7. Entities
8. Attributes
9. Tuple
10. Cardinality
11. Entity Relation
12. Relational Keys
13. Primary key
14. Foreign Key
15. Candidate Key
16. Composite Key

If you did not attend either of the taster sessions and now consider that BTEC IT may be an option for you then complete the following two tasks.

Task 1 : Skills

You can create your own account at www.codecademy.com and complete the module Learn SQL.

Task 2: Research

Research the following words and make detailed notes on each word in relation to databases.

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