

Year 9 Revision List

Data Representation

- Binary to Denary Conversions
- Denary to Binary Conversions
- Binary Addition
- Images
- Logic Gates and Truth Tables (AND, OR, NOT)

Python

- Data Types
- How to write code in python using:
 - Input statements
 - Print statements
 - Calculations
 - IF statements
 - While Loop
 - Lists

Computational Thinking

- What is computational thinking and what areas make up computational thinking
- Linear Search
- Binary Search
- Merge Sort
- Bubble Sort
- Insertion Sort
- Flowcharts – writing and reading flowcharts, knowing the correct symbols

Website to use for revision

- <https://stambrosecollege.sharepoint.com/sites/Computer-Science>
- <https://www.bbc.co.uk/bitesize/topics/z7tp34j>
- <https://www.bbc.co.uk/bitesize/guides/zswnb9q/revision/1>
- <https://www.bbc.co.uk/bitesize/guides/z26rcdm/revision/1>