

Year 8 Revision List

E-safety

- Pros and Cons of the use of smartphones
- Social Media and how to stay safe online
- Fake News
- Cyberbullying and Trolling
- Online Grooming
- Online Gaming

Spreadsheets

- Features of a spreadsheet
- How to write formulas
- Making use of functions (MIN,MAX, AVG, SUM)
- IF statements
- Conditional formatting
- Formatting

Python

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

AI

- Data driven and rule-based AI
- Pros and cons of AI
- Bias in AI
- Decision Trees
- Machine Learning models

Website to use for revision

- <https://stambrosecollege.sharepoint.com/sites/Computer-Science>
- <https://www.bbc.co.uk/bitesize/guides/zrtrd2p/revision/1>
- <https://www.bbc.co.uk/bitesize/guides/zdydmp3/revision/1>
- <https://www.st-ambrosecollege.org.uk/page/?title=year+8+knowledge+organiser&pid=290>
- <https://www.w3schools.com/python/>
- <https://www.learnpython.org/>
- <https://www.pythontutorial.net/>
- <https://www.bbc.co.uk/bitesize/guides/z3bq7ty/revision/3>