



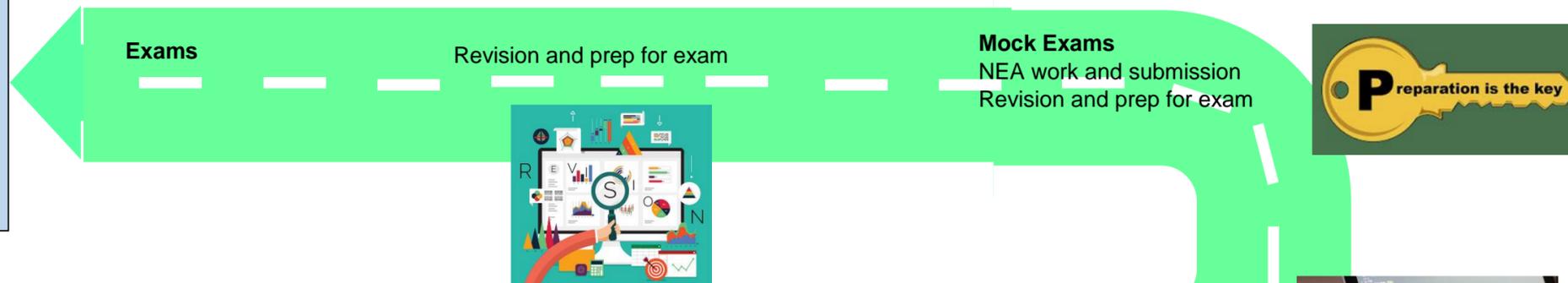
# Gordon's School Computing Department

## A-Level - Curriculum Map



### Key Words / Skills:

- Computer Architecture
- Data Structures
- Computational Thinking
- Algorithms
- Programming Paradigms
- Computation



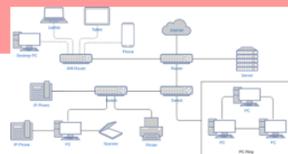
**Year 13**



Programming Paradigms (OOP)  
Introduction to

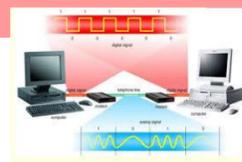


Advanced Communication and networking

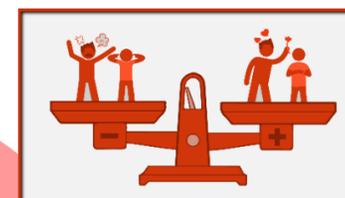
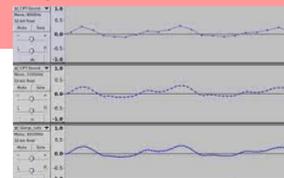


**Exams**

Fundamentals of communication and networking  
Revision and prep for exam



Fundamentals of data representation  
Consequences of uses of computing



**Year 12**

Fundamentals of programming  
Fundamentals of data structures  
Systematic approach to problem solving



Theory of computation  
Fundamentals of computer systems  
Fundamentals of computer organisation and architecture



Exam Specification:



Should this QR code not work, please click [here](#) for the relevant specification