Your journey continues in to: Work University **Apprentices** 

Databases &

Computation

Hash, Dictionary, Vectors

**OOP Designs** 

**Graphs & Trees** 

Big Data

## Computing Curriculum Roadmap KS3 to KS5

**Functional Programming** 

Year 13

Communication

& Networking



**Floating Point** 

**Programming Project** First Steps

> Systematic **Approaches**

> > Logic

Representation

Floating Point

Normalisation

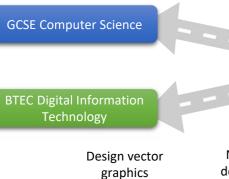
**Revisiting Programming** 

Concepts using OOP

Object-oriented Programming (OOP)

Key Algorithms

Inc. Complexity



Year 8

Year 10

Apprenticeship

C1 Learning Aim A

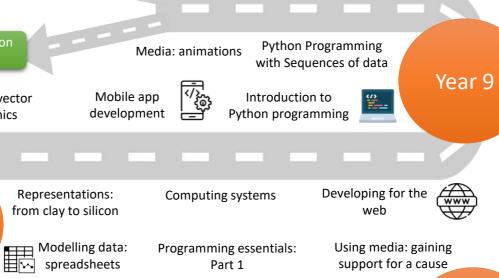
Understanding UI design

C1 Learning Aim B Project planning and designing



Cybersecurity

Year 11



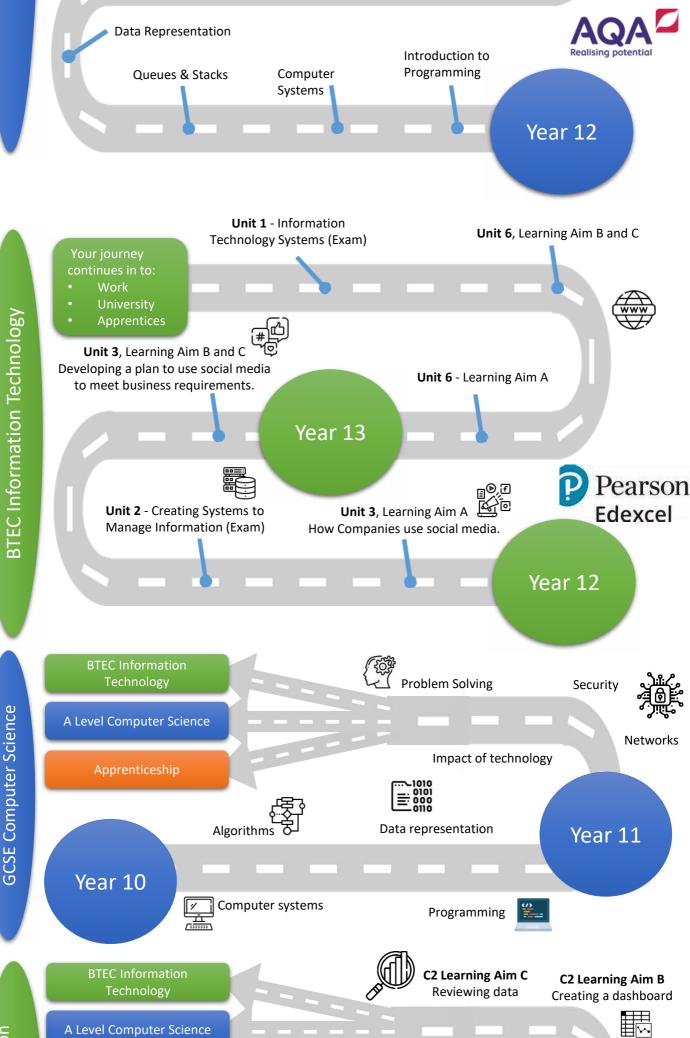
**Physical Computing** 

C2 Learning Aim A

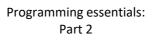
How data is collected

C1 Learning Aim C

Project planning and designing







Year 7