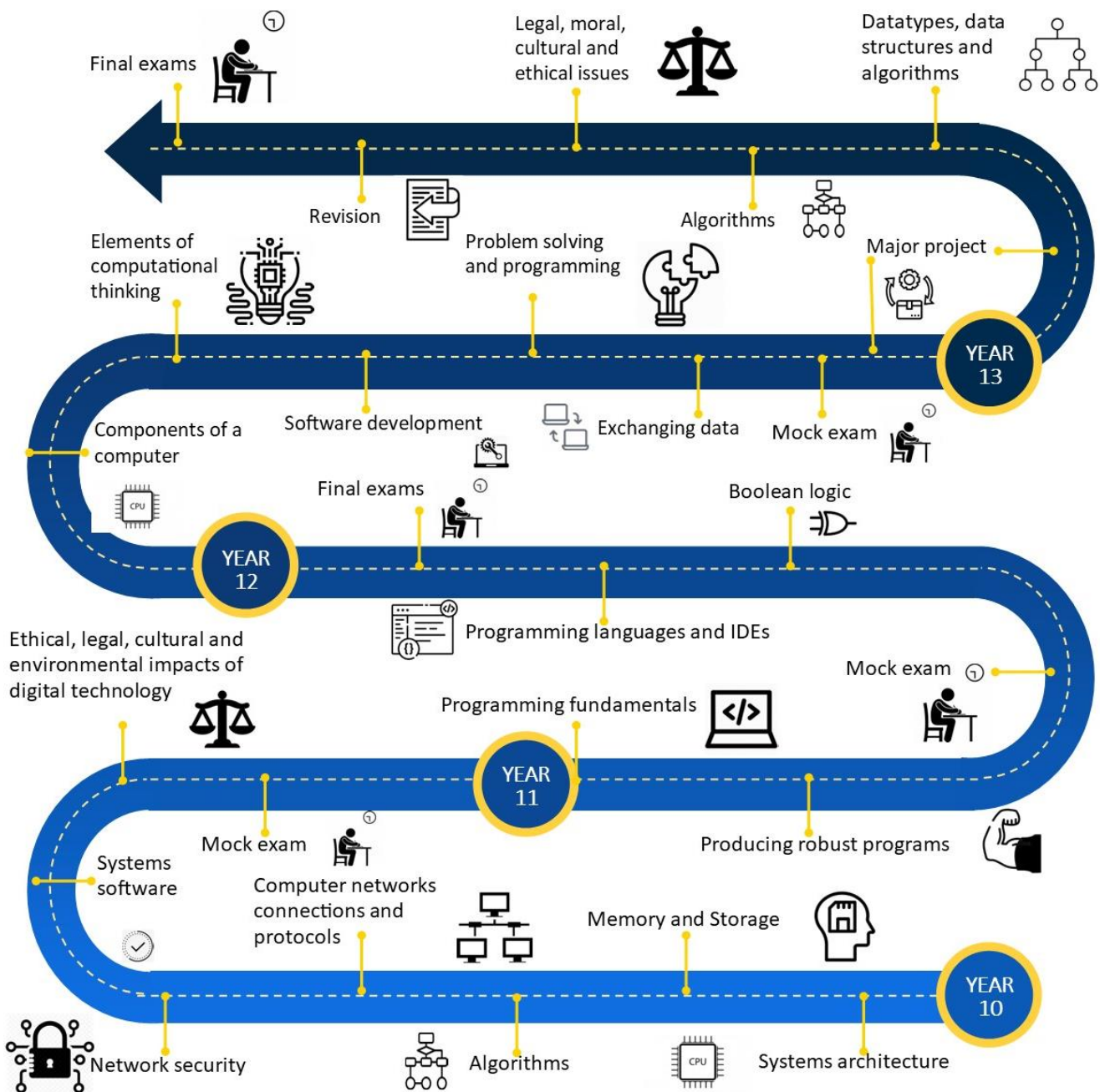


IT Learning Journey: KS4 /KS5 Computer Science/ICT

Students pursue a course of study enabling them to solve problems using technology. Through creativity and innovation, computer scientist make a positive difference in the world.



WHAT DO WE RETURN TO ON OUR LEARNING JOURNEY?

Concepts/ Ideas	Skills
Computer systems	
Software ad Programs	Creating databases using appropriate software .
Legal, ethical, cultural and environmental concerns including e-safety.	
Algorithms	
Programming theory	Use programming languages to solve computational problems.
User requirements and briefs. Project management. Systems Lifecycle	Creating a product to meet user requirements. Managing a project using project planning tools. Problem-solving and design