

A-Level Computer Science year 12



Component 1 content
Moral and ethical issues;
Boolean logic (continued)

Component 3 content
NEA Design (continued);
Developing the solution

SUMMER
3:2

SUMMER
3:1

Component 3 content
NEA Design

Component 1 content
Compression, encryption
and hashing; Networks; Web
technologies; Computing
related legislation

SPRING
2:2

Component 3 content
NEA introduction;
Analysis

SPRING
2:1

Component 1 content
Data structures

Component 1 content
Software development;
Databases

Component 2 content
Thinking
concurrently;
Algorithms

AUTUMN
1:2

Component 1 content
Data types; Boolean
algebra

Component 2 content
Thinking procedurally;
Thinking abstractly,
Computational methods

AUTUMN
1:1

Component 2 content
Thinking ahead; Thinking
logically; Programming
techniques

Component 1 content
Input, output and storage; Types of
programming languages; Structure and
function of the processor; Types of
processors; Systems software;
Applications generation

OUR LEARNING JOURNEY