

Learning Programme

Fundamentals of data structures – AS Level

Topic/Content	Objectives/Skills	Homework	Assessment	Success Criteria	Stretch & Challenge (Thirst for Learning)
Data structures and abstract data types			See 1. Fundamentals of programming - Learning Programme	See 1. Fundamentals of programming - Learning Programme	See 1. Fundamentals of programming - Learning Programme
Data structures	<ul style="list-style-type: none">Be familiar with the concept of data structures	See 1. Fundamentals of programming - Learning Programme			
Single- and multi-dimensional arrays (or equivalent)	<ul style="list-style-type: none">Use arrays (or equivalent) in the design of solutions to simple problems.				
Fields, records and files	<ul style="list-style-type: none">Be able to read/write from/to a text file.Be able to read/write data from/to a binary (nontext) file.				