

Learning Programme

Fundamentals of computer systems – A Level

Topic/Content	Objectives/Skills	Homework	Assessment	Stretch & Challenge (Thirst for Learning)
Types of program translator	<ul style="list-style-type: none">Recognise and trace the logic of the circuits of a half-adder and a full-adder.Construct the circuit for a half-adder.Be familiar with the use of the edge-triggered D-type flip-flop as a memory unit.		Q and A's Past exam papers Homework and classwork worksheets and questions	Use logic gate website to test how a flip flop and type D circuit work
Boolean algebra	<ul style="list-style-type: none">Be familiar with the use of Boolean identities and De Morgan's laws to manipulate and simplify Boolean expressions.	Boolean algebra worksheet		