

Solution (product code in brackets)

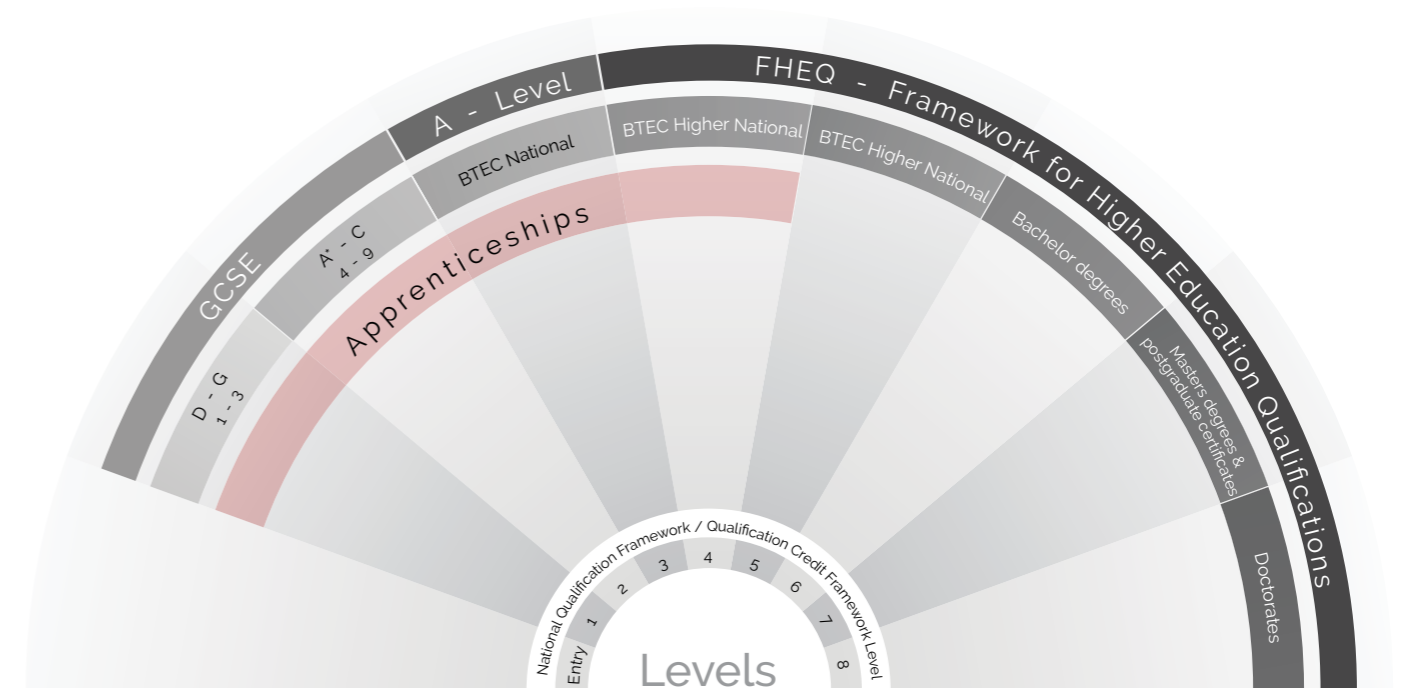
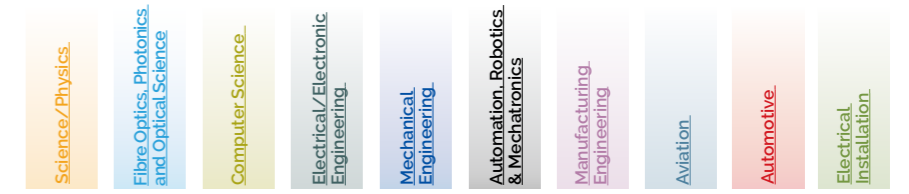
Solution (product code in brackets)	1	2	3	4	5	6	7	8
Electricity, magnetism & materials (LK9071-2)	1, 2							
Fundamentals of electricity (LK6444)	1							
Energy & the environment (LK7345-2)	2, 3							
Electrical and electronic principles (LK9329-2)	3							
Class pool kit (LK6802)	3							
Source - combined power supply and signal generator (LK6999 / LK2975)	All							
Thermodynamics kit (HP4159)	2, 3							
Ripple tank MkIII (AS0371)	2, 3							
Cloud Chamber (AS4681)	2, 3							
Digital Voltmeter class set (AS1106)	2, 3							
Ammeter class set (AS4472)	2, 3							
Advanced physical optics kit (FP4615)		4*						
Principles of Optical Waveguiding kit (FP0294)		4*						
Advanced fibre optic communications kit (FP4010)		4*						
Bit error rate & eye diagrams kit (FP6269)		4*						
Optical network analysis, OTDR kit (FP0374/FP2350)		4*						
Erbium doped fibre amplifiers kit (FP5366)		4*						
Principles of Lasers kit (FP9068)		4*						
WDM components & systems and Bragg gratings kit		4*						
Introduction to Robotics		All		All				
Programming Arduino microcontrollers (BL0599)		3, 4						
Programming PIC microcontrollers (BL0562)		3, 4						
Raspberry Pi development kit (BL0557)		3, 4						
PIC systems solution (LK8922-2)		3, 4						
AllCode robot arm production cell (RB6231)		3, 4		3, 4				
Applied electrical science (LK9071-2)			2					
Electronic devices and communication applications (LK3889-2)			3					
Intermediate electrical and electronic engineering (LK6499-2)			3					
Industrial sensors, actuator and control application (LK5783-2)			3, 4					
Three phase systems (LK4961)			3, 4					
Modern electrical machines system (EM6637)			3		3			3
Operational amplifiers add-on pack (LK6906)			3					
Transformer construction and operation (LK1989)			3					
Combinational logic add-on packs (LK6904)			3					
Sequential logic add-on pack (LK6905)			3					
Transistor amplifiers add-on pack (LK9435)			3					
Principles and applications of electronic devices and circuits (LK9422)			3, 4					
Advanced electronic principles (LK6804)			3, 4					
TINA V12			3, 4, 5					
Advanced electrical, electronic and digital principles (LK9044)			4					
Fault finding in electronic circuits (LK3566)			3, 4					
Digital and analogue electronic systems			3					
Power and energy electronics (LK3568)			3, 4, 5					
Renewables and storage add-on kit (LK1059)			4, 5					
Industrial systems			4, 5					
Programming Arduino microcontrollers			3, 4					
Programming PIC microcontrollers			3, 4					
Programming dsPIC microcontrollers			3, 4					
Programming AVR microcontrollers			3, 4					
Programming ARM microcontrollers			3, 4					
Raspberry Pi development kit			3, 4					
Electronic engineering communications solutions			4*					
Mechanical kits			3, 4					
Thermodynamics kit (HP4159)			2, 3					
Engineering Science kit			2*					
Automatics essentials solution (AU9020)				3, 4	3, 4			
Electro-pneumatics add-on kit (AU9015)				3, 4	3, 4			
Pneumatics control add-on kit (AU9010 / AU9030)				3, 4	3, 4			
Pneumatics with your own PLC				3, 4	3, 4			
Pneumatics control with 57-1200 Siemens PLC add-on (AU9077)				3*	3*			
Automatics interactive courseware (AW20789)				3, 4				
Mechatronic systems (HP4550)				3, 4				
Formula AllCode football mat add-on (RB4938)				2*				
Micro CNC system controller and base plate (CN4079)					3			
2-axis Micro CNC lathe (CN2668)					3			



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Pages

Solution (product code in brackets)	1	2	3	4	5	6	7	8
3-axis Micro CNC milling machine (CN4234)			3					
4-axis Micro CNC milling machine (CN8285)			3					
Complete Micro CNC set (CN3885)			3					
Deskpro CAM software (CN2498)			3					
CamBam software (CN8332)			3					
CamBam software (CN2171)			3					
EASA electrical fundamentals (module 3) (LK9339)				3, 4, 5				
EASA electronic fundamentals (module 4) (LK9282)				3, 4, 5				
EASA electrical and electronic fundamentals (modules 3 and 4) (LK9672)				3, 4, 5				
Electricity, magnetism and materials (LK9071-2)							1	
AC principles for automotive technicians (LK8222)							2	
An introduction to motors, generators and hybrid (LK7444)							2	
An introduction to digital electronics (LK4221)							2	
Combined level 2 automotive pack (LK4500CUS)							2	
Sensors and control in automotive applications (LK9834-2)							3	
Sensors and control in automotive applications on panel (LK6491-2)							3	
CAN bus systems and operation (LK7629)							3	
CAN bus systems and operation solution with engineering panel (LK2839)							3	
Hybrid vehicle demonstration system (LK6483)							3	
Electrical installation level 1 (LK5000)								1
Electrical installation level 2 (LK4063)								2
Level 2: Demonstration kit								2
Transformer construction and operation (LK1989)								2, 3
8202 Level 2: Electronic components and circuits pack (LK2901)								3
8202 Level 3: Electrical Installation circuit principles (LK4562)								3



The Matrix curriculum map is designed to give you an idea of the educational levels for which our products are developed. The wheel-diagram on this page explains more about levels of educational achievement in the United Kingdom.

We map our curriculum to internationally renowned syllabi, from:

- Pearson (mainly through the BTEC qualifications)
- City & Guilds
- EAL
- WJEC/Eduqas
- AQA
- OCR
- European Aviation Safety Authority
- Institute of Motor Industry
- OAL

We're also able to develop specific equipment for a range of higher education qualifications at undergraduate and postgraduate level and we work with some of the World's most prestigious Universities.

Throughout our catalogue, each solution details selected curriculum units, so you can select what you require accordingly, however this is by no means a definitive list.

For further explanation or help with this, do not hesitate to get in touch.