



KS4

OCR Engineering Design Key Stage 4 Curriculum Overview

	Autumn Term	Spring Term	Summer Term
Year 10 OCR Nationals Design Engineering	<ul style="list-style-type: none">- Topic area 1 Theory Unit: Designing processes R038- Bottle opener project including designing and modelling skills- Solidworks CAD Basics	<ul style="list-style-type: none">- Topic area 2 Theory Unit: Design Requirements- Topic area 3 Theory Unit: Communicating Design Outcomes- Communicating Designs (torch project)	<ul style="list-style-type: none">- R039 Assignment Communicating Designs – set from OCR-
Year 11 OCR Nationals Design Engineering	<ul style="list-style-type: none">- Unit R040 Assignment Design evaluation and modelling- Topic area 4: Evaluating Design Ideas	<ul style="list-style-type: none">- Unit R040 Assignment Design evaluation and modelling	<ul style="list-style-type: none">- Exam preparation