

CURRICULUM OVERVIEW FOR YEAR 11 D&T: ENGINEERING

Phase	1	2	3	4	5	6
Topic	Unit 2 Making – bottle opener	Unit 2 Producing engineered products (NEA)	Unit 2 (Cont'd) Producing engineered products (NEA)	Unit 2 (Cont'd) Producing engineered products (NEA)	Unit 3 Resit examination	
Knowledge	Understanding a brief Production planning Making skills tested with use of metal and plastic CAD/CAM Evaluating the final product Preparation for final unit 2 project	Understanding a brief Production planning Making skills tested with use of metal and plastic CAD/CAM Evaluating the final product.	Understanding a brief Production planning Making skills tested with use of metal and plastic CAD/CAM Evaluating the final product.	Understanding a brief Production planning Making skills tested with use of metal and plastic CAD/CAM Evaluating the final product.		
Skills	Visual communication, practical activities (cutting, shaping and smoothing materials), interpretation of diagrams and symbols, verbal feedback, health and safety precautions, quality control during manufacture, CAD designing for CAM					
Key Marked Piece (Summative Assessments in bold)	Final product evaluation	Internal moderation (NEA)	Internal moderation (NEA)	Internal moderation (NEA)		
Vocabulary	<ul style="list-style-type: none"> Drilling Maintenance Draw filing CAD CAM Working drawing Engineers blue Scribe Centre punch Emery cloth 	<ul style="list-style-type: none"> Vernier callipers Symbols Conventions Calculations Specifications Evaluate Drilling Centre lathe Production plan 	<ul style="list-style-type: none"> Vernier callipers Symbols Conventions Calculations Specifications Evaluate Drilling Centre lathe Production plan 	<ul style="list-style-type: none"> Vernier callipers Symbols Conventions Calculations Specifications Evaluate Drilling Centre lathe Production plan 		