



YEAR 13 TERM 2

'An ambitious curriculum that meets the needs of all'

Medium Term Planning - Topic: Design for Manufacture and Project Management



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| Curriculum Intent | <p>In addition to working further on objectives from Year 11, pupils will be taught, following National Curriculum guidelines, the following this term:</p> <p>To link with NEA, as students are progressing with their NEA.</p> |
| Skills/Assessment Objective Links | <ul style="list-style-type: none"> To gain knowledge and understanding of quality control and quality assurance To know different QA procedures; such as: TQM, scrum and Six Sigma To know different QC methods; including: go/no-go gauges, laser or probe scanning, x-rays and ultrasound |
| Spiritual, moral, social, and cultural development | <p>SMSC: H&S, risk assessment</p> <p>PSHE/British Values: PPE</p> <p>Skills Builder: Building on knowledge and understanding from the NEA practical</p> |
| Numeracy | |
| Literacy | <p>Vocabulary Tier 2: See highlighted above</p> <p>Vocabulary Tier 3: See highlighted above</p> <p>Reading: exam style question, text book terminology</p> <p>Writing: use of technical tier 3 vocabulary within an exam question and annotation</p> <p>Oracy: when questioned pupils are able to use technical subject specific language when describing the QA in the practical and to include in NEA</p> |
| Becoming future ready | <p>Careers/Employability: Use of knowledge to apply to the world of work and industry</p> |
| Adaptation | <p>Throughout this topic, quality first teaching will provide differentiation:</p> <p>By product:</p> <p>By resource: A Level books, Online resources, Powerpoints</p> <p>By Intervention: by providing different levels of supervision and support</p> <p>By Progressive Questioning: exploring pupils' understanding through interactive dialogue.</p> <p>By Grouping: according to prior attainment, gender, social preference, preferred learning style.</p> <p>By Task: Pupils should be involved in the identification of targets which are meaningful to them and in the selection of an appropriate task from the given range.</p> <p>By Offering Optional Activities: In class or as homework, to extend learning.</p> <p>This QFT/SEND provision will be explicit within the lesson-by-lesson schemes of work.</p> |
| Implementation Curriculum Delivery | |
| Learning Outcomes (Knowledge) | <ul style="list-style-type: none"> See Above |
| Current learning to be developed in the future within: | |
| Assessment | <p>Exam style question – use of AQA Exampro questions and practical in NEA</p> |
| Impact | <p>Pupils to have knowledge and understanding of the topic in order to apply to the NEA and fully answer questions on paper 2</p> |