

### ... Curriculum Road Map BTEC L3 ENGINEERING PEARSON





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#### KNOWLEDGE

Learning aim D: Technical justification and validation of the design solution

#### Retrieval

Unit 3: Topic C: Using an iterative process to design ideas and develop a modified product proposal

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#### **Retrieval**

Unit 3 - Learning aim B: Interpreting a brief into operational requirements and analysing existing products

### KNOWLEDGE

Unit 10 Computer aided design.
Assignment B
Students will develop two-dimensional detailed computer aided drawings of engineering product that can be used as apart of other engineering processes



**Final Exam** 

#### Retrieval

Unit 3: Topic C: Using an iterative process to design ideas and develop a modified product proposal



**KNOWLEDGE** 

KNOWLEDGE Unit 10:Learning ain

D: Technical

justification and

validation of the

design solution

Unit 10: Learning aim
C: Develop a three
dimensional computer
model for a thin walled
product and fabricated
product that can be used
as part of other
engineering processes

**YEAR 13** 

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Learning aim C: students will develop a three dimensional computer model for a thin walled product and fabricated product that can be used as part of other engineering processes

**KNOWLEDGE** 

Unit 10:



#### **N** Retrieval

Unit 3 Exam prep, Learning aim A: Design triggers, challenges, constraints and opportunities, and materials and processes.



Unit 10 Computer aided design.
Assignment A
Students will develop a three
dimensional computer aided model
of an engineering product that can
be used as part of other
engineering processes.



... Literature A-Level

**YEAR 12**