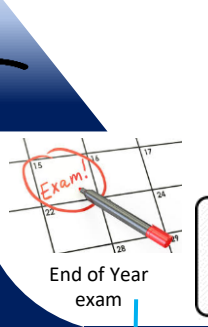
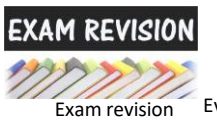
Progression to L3 Courses:
BTEC L3 Engineering

KS4 Learning Journey Engineering



End of Year exam



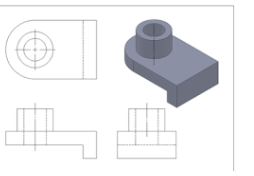
Exam revision topics

Synoptic Exam

Evaluate quality of Engineered product

Unit 2 Deadline

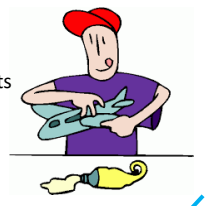
Plan for Manufacture



Orthographic Projection Drawing

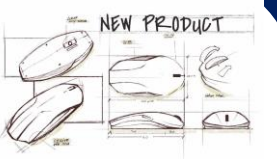
Solving engineering problems

Produce prototypes to explain concepts

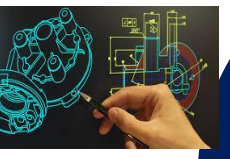


Use tools, equipment and processes to produce models

Laser cutting



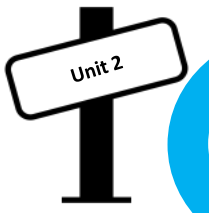
Final Design



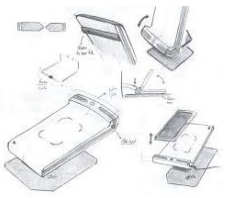
Design solutions

Features of Engineering Products

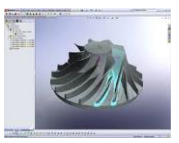
Controlled assessment Unit 2 coursework

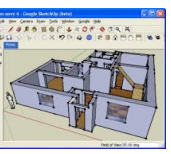


Year Y11

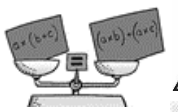


Mock Exams



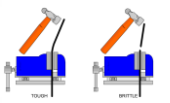


CAD/CAM
2D Design
3D Design

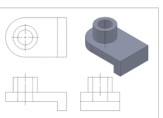


Mathematical techniques

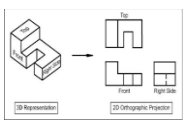
Drawing and rendering



Exam revision topics

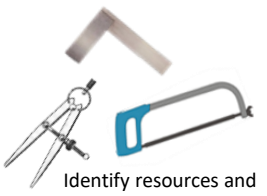


Orthographic Projection



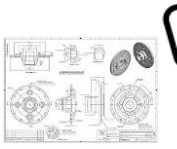
Produce practical outcome

Plan Engineering Production

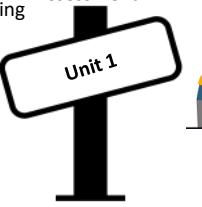


Identify resources and sequences required

Interpret Engineering Information



Controlled Practical Assessment



Exam revision topics

Unit 1 Deadline

Drilling

Practical - skills

Method Statements

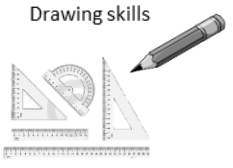
Measuring and evaluation

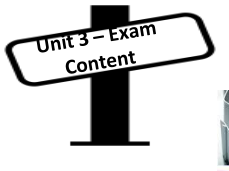
Using the Centre Lathe

using the Milling Machine

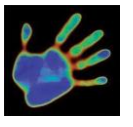
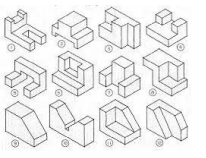
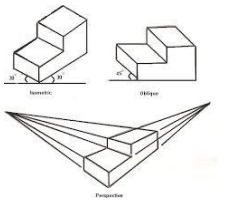
Year Y10

Drawing skills





Exam revision topics



Isometric