Family Learning

Practical Metalworking
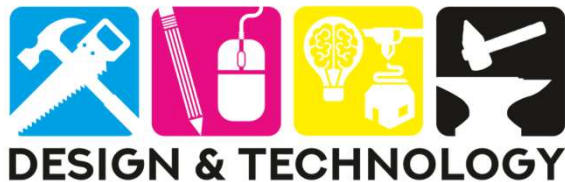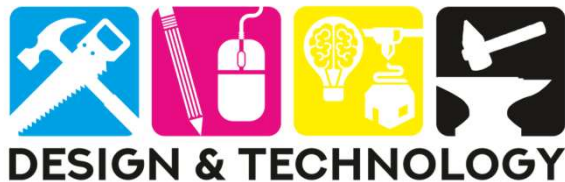## National 5

Course Update

Including a question paper will allow more skills, knowledge and understanding to be sampled following the removal of units and unit assessments from the course.

These changes were implemented in 2017/18

DESIGN & TECHNOLOGY

Course Outline
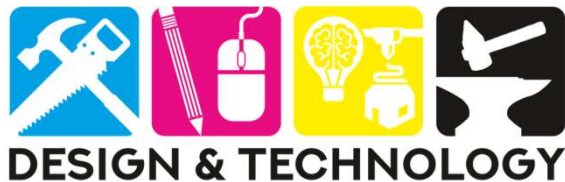
- Practical Engineering skills

- Bench Skills

- Machine Skills

- Fabrication & joining methods

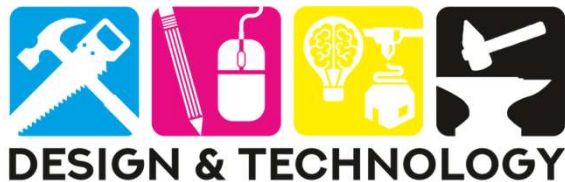- Course delivered through a making number of models.

DESIGN & TECHNOLOGY

Assessment Arrangements

Assessment	Total Marks	Value	Marking
Assignment	70	**70%**	Internal
Question paper	60	**30%**	External

Question paper time 1 Hour

Course Timeline

- Jan 2020 – Prelim (Date TBC)

- Late 2019 – Assignment published by SQA

- Late 2019/Early 2020 – Pupils start Assignment

- Feb / Mar/ Apr – Supported Study Sessions

- May 2020 –SQA Exam
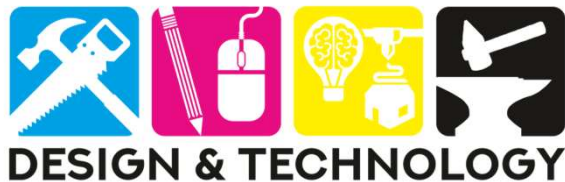
DESIGN & TECHNOLOGY

Assignment

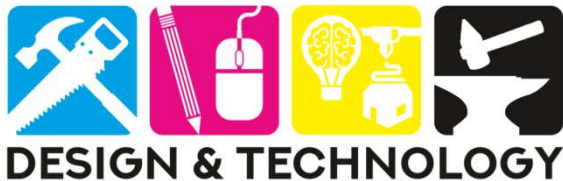The assignment will be published by the SQA in late 2019

The assignment will assess the skills and knowledge the pupils have acquired during the course. The assignment covers three key areas:
• Bench Skills
•Machine Skills
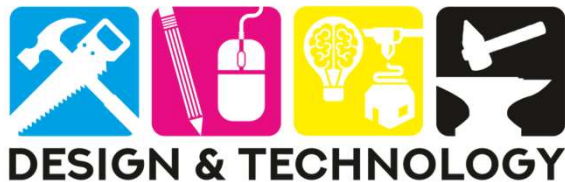•Fabrication & joining methods

DESIGN & TECHNOLOGY

Assignment

- Assignment comes from SQA

- Covers course elements

- Under exam conditions

- Can get help from teacher but will affect overall mark

DESIGN & TECHNOLOGY
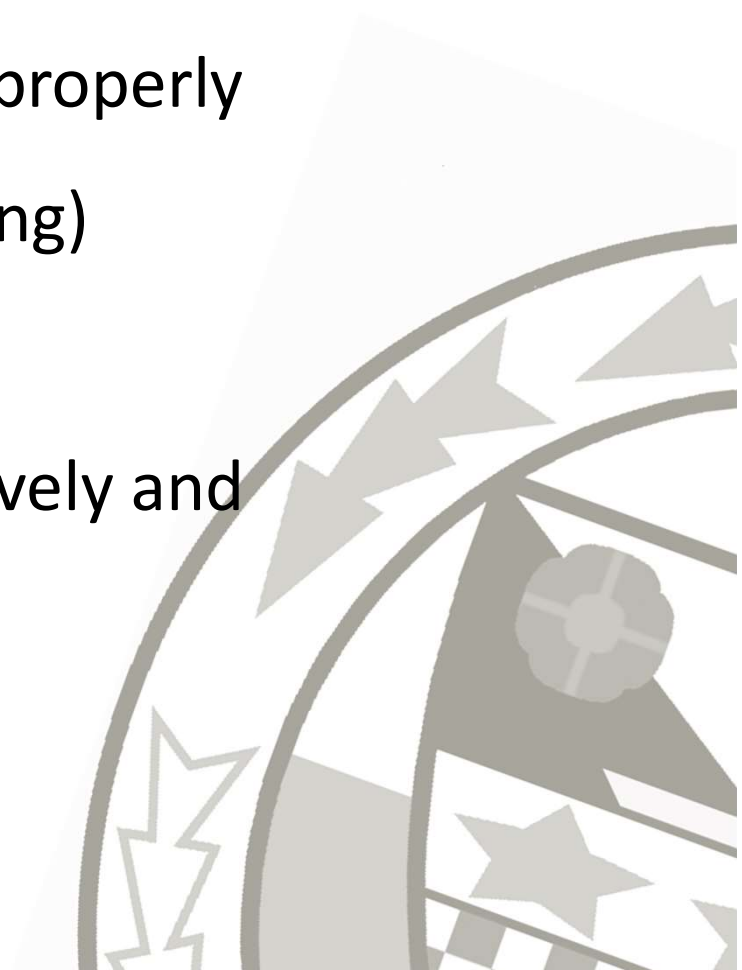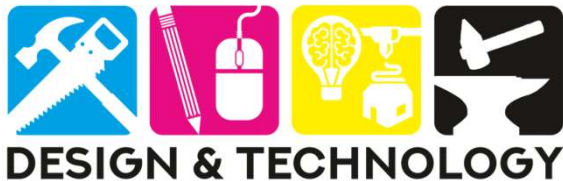
Assignment (log book)

- Preparation
- Completed daily whilst completing assignment
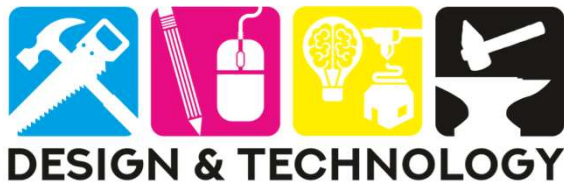- Redraft

DESIGN & TECHNOLOGY

Assignment pitfalls

- Time management

- Log book not being completed properly

- Pupils rushing key areas (finishing)

- No teacher input or help

- Pupils not planning time effectively and
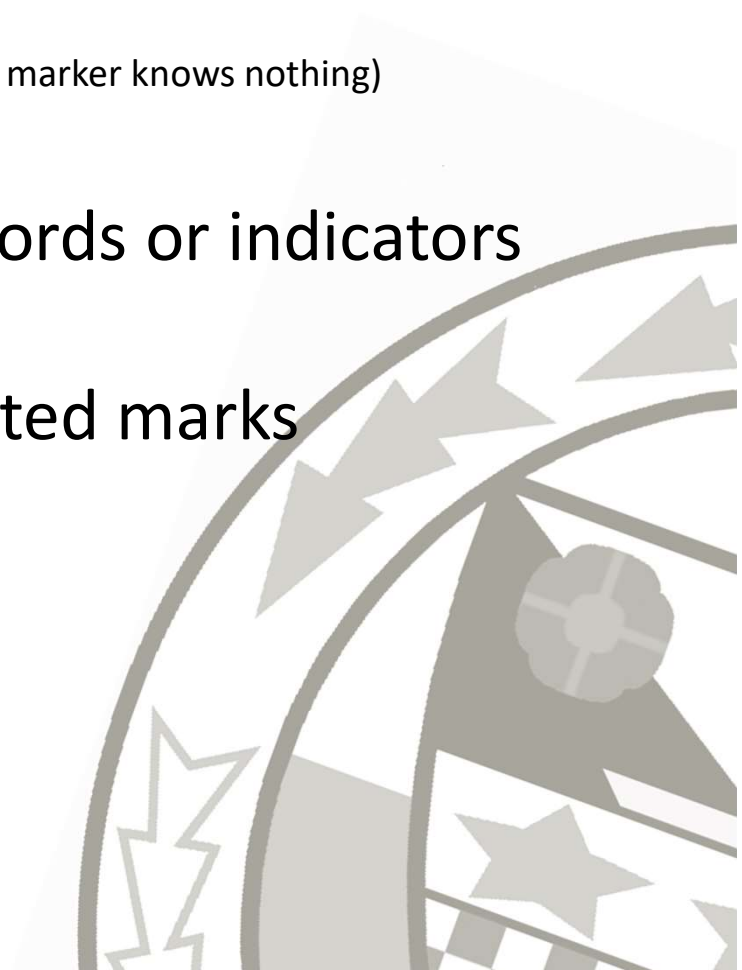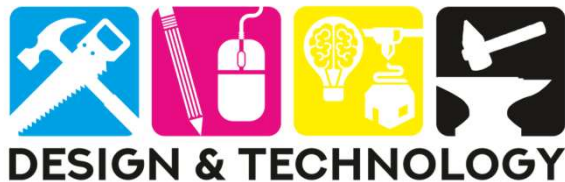
missing out large parts of tasks.

DESIGN & TECHNOLOGY

Question Paper preparation

- Theory carried out throughout year

- Pupil folder

- Pupils receive electronic files

- Past Paper questions

DESIGN & TECHNOLOGY

Question paper pitfalls

- Not writing enough detail

(Especially with Sequence of operations Questions, assume marker knows nothing)

- Pupils not taking note of key words or indicators

- Pupils not taking note of allocated marks
per question

DESIGN & TECHNOLOGY

Resources

SQA Website –
https://www.sqa.org.uk/sqa/45657.html