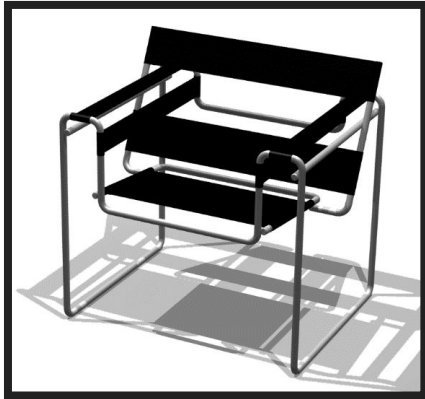


OPTIONS IN THE D&T DEPARTMENT



Nearly everything we own has had a designer or engineer involved in its journey to manufacture.



These subjects develop key **life skills** and equip you with the knowledge and confidence to **problem solve**, **experiment** and **analyse**.

Skills that you will use everyday even if you decide against a design based career.

WHAT ARE MY OPTIONS IN THE D&T DEPARTMENT?



AQA GCSE Design & Technology:

Our GCSE allows students to study core technical and designing and making principles, including a broad range of design processes, materials techniques and equipment. Students will learn in a variety of style lessons:

- Design and Make activities (DMAs)
- Focused Practical Tasks (FPTs)
- Product Analysis
- Technical Knowledge (theory lessons)

Students will develop the following skills:

- Problem solving and creativity
- Working from design briefs and designing for consumers
- Designing and sketching skills (including CAD)
- Modelling and prototyping in 3D (including CAD/CAM)

Your work is assessed with **50% Non-exam assessment** and **50% exam-based assessment**



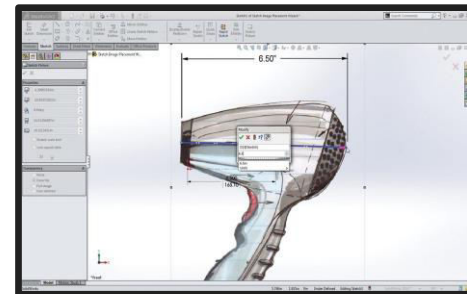
WHAT ARE MY OPTIONS IN THE D&T DEPARTMENT?



Cambridge National (Level 1 or Level 2) in Engineering Design:

The course is divided into four units of work:-

- ✓ **R105:** Design briefs, design specifications and user requirements. You will be expected to complete a 60-minute examination which is worth 60 marks focussed on design briefs, design specifications and user requirements
- ✓ **R106:** Product analysis and research. You will research existing products and the types of users and other design possibilities.
- ✓ **R107:** Developing and presenting engineering designs. You will develop different techniques to present your ideas professionally, such as 2D/3D presentation techniques including Computer Aided Design (CAD) which is reflected in industry.
- ✓ **R108:** 3D design realisation. You will make a final product and you will need to document your making stages evidencing



25% is assessed through an external examination (R105). The remaining 75% of this course (R106, R107 and R108) is completed through non-exam assessment

WHAT CAREERS RELATE TO D&T?

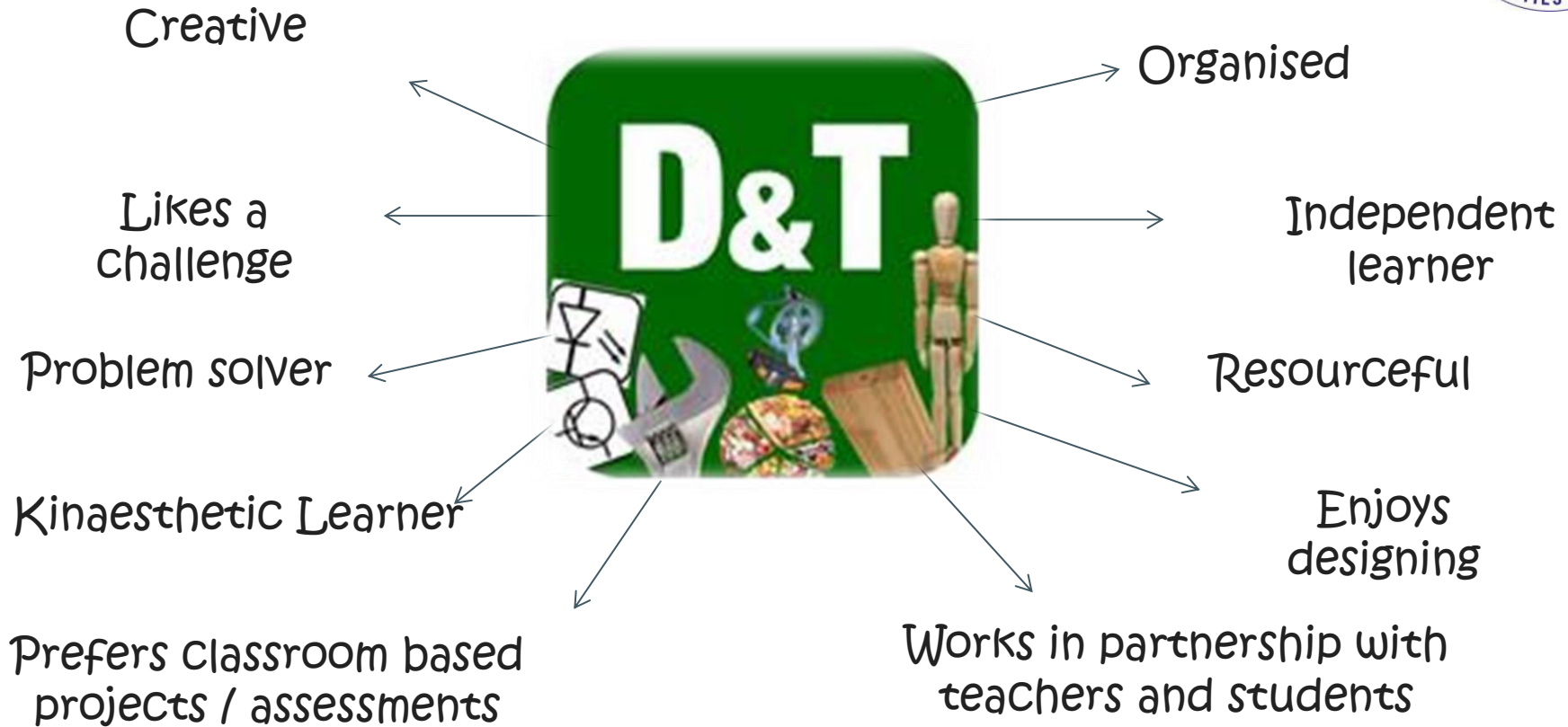


- Product Designer
- Furniture Design and Manufacturing
- Architecture
- Interior Design
- Engineering
- CAD Designing and Engineering
- Marketing
- Packaging Design
- Mechanical Engineering
- Car Design and Manufacturing



- Carpentry, Engineering or Joinery
- Apprenticeships in trade or manufacturing industry
- STEM related careers
- Music Technology
- Fashion Designer
- Shoe Designer
- Fashion Management
- Artist
- Photography
- Comic Book Designer
- ICT Careers (e.g. Gaming Industry)
- Many, many more....

WHAT ARE THE CHARACTERISTICS OF A D&T PUPIL?



ANY QUESTIONS...



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Mr. Critchley (D&T and Engineering

Mr. Stewart (D&T and Engineering Teacher)

or follow us on:



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