



Overview:

A 'Level 3D Design – taught in specialist technical workshops and ICT suites.

Working in at least one area of 3D design e.g. Product Design, Jewellery, Architectural Design, Sculpture.

Develop practical and theoretical knowledge of materials & processes. Develop a critical understanding of art and design histories.

Develop the skills to explore, record and analyse. Learn to generate images and artefacts using appropriate media and techniques.



Year 12

A' LEVEL 3D DESIGN



Term 3:

Your Personal Investigation will continue:

You will research and analyse the work of a wide range of past or present designers to aid your own work. You will be developing your ability to think and write critically about others work.

You will be exploring and selecting appropriate resources, materials and processes in order to push your own work on.

We expect full engagement in the Investigation so that your work will be innovative and personal to you.

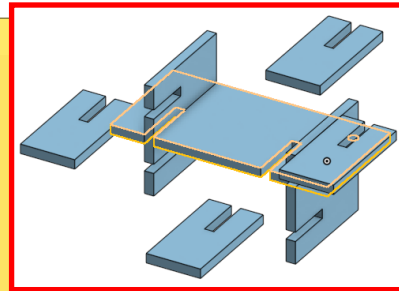
OVERALL A' LEVEL

Component 1–Personal Investigation – 60% of the Qualification

Component 2–Externally Set Assignment– 40% of the Qualification

Term 1:

Your year begins with a refresh of how to work with materials e.g. Woods, Metals, Plastics and being very clear about manufacturing with accuracy, but also being innovative. Sometimes through theory research, others through practical experiment.



A major focus will be the use of CAD (2D & 3D) - and becoming proficient in using it. We will use '2D Design' and 'Onshape' for 3D work.

Sketching and model making continues to be practised as an important method of design communication.

Homework will cover additional theory, documentation of making in the workshops and independently develop your CAD skills.

Term 2:

This term you will begin your 'Personal Investigation'. This is a practical investigation into an idea or theme and is supported by written material.



The focus is *student led* with teacher guidance to help you choose a suitable topic. You must show a sustained development or journey from initial intentions and research, through development of ideas, to a final resolution.

The written aspect will be of continuous prose and be between 1000–3000 words. It must explain and justify your creative decisions.