



## 3D Design at Woking College

**Summer Project:** Over your summer holidays we are setting you a series of tasks to help you with your first project in Year 12. For our first component we will be working with materials and structures responding to:

### **“Structures inspired by natural forms”**

Structure is the building block to everything in design. The way something is made is important for aesthetics, function and longevity.

### Introduction to the course

Welcome to 3D design. The three-dimensional design course is a very exciting course where you get to bring your ideas to life in three dimensions. You will be required to experiment with a wide range of materials and processes, taking inspiration from the world around you and from research into a wide range of designers.

You will learn to present your ideas visually and through reflective annotation as you record the development of these ideas. You must take pride in the work you produce both in your sketch book and your practical work and pay attention to small details that will refine and enrich your projects.

During the summer, COVID-19 permitting, I would like you to go to visit the Design Museum in London to inspire your YR12 3D Design work. *The Design Museum, 224 - 238 Kensington, High Street, London, W8 6AG.* If it remains closed, you can view their virtual gallery here:

<https://designmuseum.org/>

In addition, look at the following two websites

<https://www.craftscouncil.org.uk/>

<https://www.caa.org.uk/#>

And have a browse through the back catalogue of Crafts magazine (this invaluable resource has been made temporarily available so make sure you're quick to take a look):

<https://ocean.exacteditions.com/magazines/21416/issues/>

## Summer work

You will be required to bring the work with you on enrollment day, remembering that it will form part of your Year 12 course-work so it is ESSENTIAL the work is completed to a good standard.



**Task 1:**

Compile a list of 10 artists or designers who really inspire you from looking at the above websites/galleries/resources. They can inspire you in many ways, for example, through their choice of materials, craftsmanship/techniques they use, a specific design they have created or perhaps an innovative development they have made. This will allow me to get an insight into the type of work you like.



**Task 2:**

Take 12 high quality photos of interesting structures, surfaces and forms in nature. Be inspired by your local environment or visit a botanical garden/research centre/aquarium/natural history museum etc.

### Task 3:



Create 8 initial drawings from your photos (or from first-hand observation) that extract shapes, lines and textures in 2D. Experimentation is important to add richness to your work. Use a variety of media on a variety of surfaces no bigger than A6. Loose sketches, detailed studies, isometric drawing, are all relevant – choose a variety of techniques to convey the shape, form, surface and structure of your chosen subjects.

### Task 4:



Inspired by your photos and drawings it's time to develop into 3D forms: create 4 models in 3D from a variety of materials and record by photographing beautifully. You can make the models from anything such as found materials or paper/card/wire/wood/clay/papier mache..... be inventive! Check out these pinterest boards to inspire you:

<https://www.pinterest.co.uk/SineadArtInspo/sheet-to-form/>

<https://www.pinterest.co.uk/SineadArtInspo/weave/>

<https://www.pinterest.co.uk/SineadArtInspo/form-casting/>

<https://www.pinterest.co.uk/SineadArtInspo/slots-and-joints/>  
<https://www.pinterest.co.uk/SineadArtInspo/pop-up/>  
<https://www.pinterest.co.uk/SineadArtInspo/basketry/>  
<https://www.pinterest.co.uk/SineadArtInspo/wire-artists/>  
<https://www.pinterest.co.uk/SineadArtInspo/wire-multi-media-surfaces/>

**In September it is expected you will have the following list of equipment and materials ready for when you start. This is to enable you to complete your homework and classwork.**

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| <ul style="list-style-type: none"><li>• Measuring tape</li><li>• Pro markers</li><li>• Waterproof thin black fine liner pen</li><li>• Soluble thin black fine liner</li><li>• Set of coloured fine liners</li><li>• Range of pencils (2H to 8B)</li><li>• Pritt stick</li><li>• Rubber, ruler and sharpener</li><li>• Post-it notes</li></ul> | <ul style="list-style-type: none"><li>• Masking tape</li><li>• Scissors</li><li>• Pen drive/memory stick (min 1GB)</li><li>• A plastic box clearly labelled with your name to store your 3D work, <b>to be purchased from us via wisepay</b> (information to follow once you have enrolled)</li><li>• A Sketchbook, <b>to be purchased from us via wisepay</b> (information to follow once you have enrolled)</li></ul> |
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**I look forward to seeing what you produce over the summer and to meeting you in September.**

If you have any questions, please email me, Sinéad at [sme@woking.ac.uk](mailto:sme@woking.ac.uk)

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