



ST CHRISTOPHER'S SIXTH FORM

# PRODUCT DESIGN

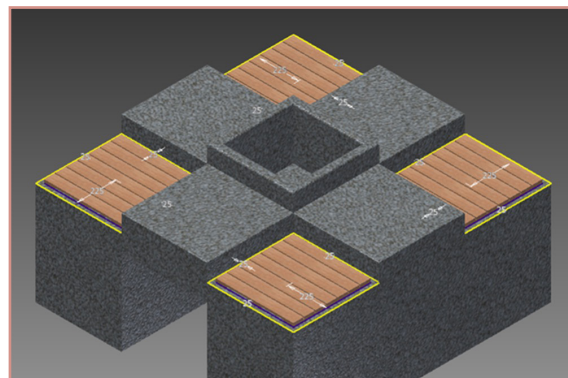
BRIDGING UNIT

# Product Design

To prepare yourself for the start of this course you will need to complete the following tasks:

## Task 1

Take digital photographs of outdoor public seating in your local area. Make sure you have permission to take photos first, particularly if they are in use. Also take overall measurements. Consider the design, and manufacture and of these products through sketches and notes (preferably word processed). Analyse at least three different examples of seating.



## Task 2

You will be expected to show a high level of 3D CAD (Computer Aided Design) modelling at A Level.

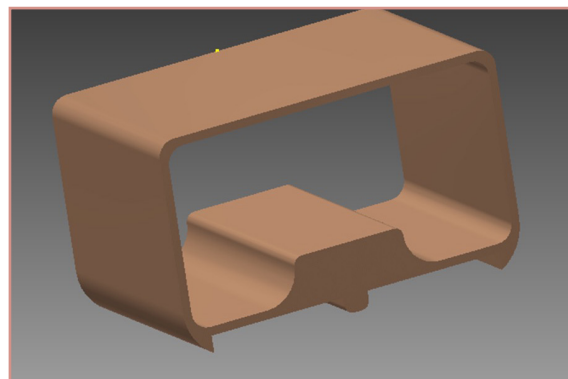
Autodesk Fusion 360 is a commercial 3D modelling program that is free to download from the internet for students and install on your home computer (PC or Mac). Please download and practice using it before the start of term.

**Go to:**

<https://www.autodesk.co.uk/products/fusion-360/students-teachers-educators>

**Some helpful tutorials can be found at:**

[https://warwick.ac.uk/fac/sci/wmg/about/outreach/3d\\_design\\_printing/fusion\\_tutorials/](https://warwick.ac.uk/fac/sci/wmg/about/outreach/3d_design_printing/fusion_tutorials/)



## Equipment Needed:

You will be provided with the textbooks you need for the course. Please provide a range of pencils, coloured pencils, fine-liner pens, ruler, and a USB pen drive. Please note that you will be asked to contribute towards specialist materials.

Have a great summer, enjoy the reading and we look forward to discussing all these exciting topics with you in September.

If you require any additional support or clarification regarding the transition tasks, please do not hesitate to contact:

**Mr L Price** - Subject Leader

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**“For I know the plans I have for you,” declares the Lord,  
“plans to prosper you and not to harm you,  
plans to give you hope and a future.”**

Jeremiah 29:11

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