Phase Two Bridging Work: Design

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Introduction to the course	**A level subject preparation tasks**
The bridging we are setting for you will give an insight to the expectations of the course. We will be looking to build and develop the skills you gained during your GCSE course. **Follow the instructions in the right hand column, and complete the mini project to the best of your ability. This will be assessed when you arrive with us in September.** **The link to the course specification is below:** **A level Product Design**	**Public Seating Design and Model Mini Project** **Brief** **Town centres are often associated with shopping and retail. They can also be the centre for major** **transport hubs, tourist hotspots and public buildings, such as town halls, museums and theatres.** **Seating is a need for all users of a town centre.** **Design and model a seating solution that could be used within the urban environment.** **The seating should be accessible for all users and should have environmentally friendly credentials.** **It should be innovative in its shape and use of materials.** **You should scale the model at 1:6.**

	Your designs and final solution should use a range of different materials and components. **The sections highlighted in red need to be completed and handed in on, or before, 10th July. This work can be emailed to knewton@chippingnortonschool.org** **You should arrive in September ready to start making the model.** **Expectations** **You should generate a mini design portfolio that contains the following:** **1. Theme / brief analysis** **2. Research into existing solutions.** **3. Identification of your target market.** **4. A technical specification.** **5. A range of different initial ideas and concept sketches using a range of different drawing techniques.** **5. Justified selection of an idea.** **6. Development of selected idea, taking into account:** **Materials investigation** **Manufacturing methods**

	Social, moral, ethical and environmental considerations. **7. Models to test design solutions** **8. A final drawing that contains dimensions.** **To be completed in school in September:** **A scaled model that is at a scale of 1:6** **Evaluation of your model against specification criteria** **3 rd Party feedback on your designs and model** **Suggestions for improvement and scaled production**