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| Assignment ED01 - Street Furniture | | | |
| Task: To produce 2 experimental models of bollards – 1:6 Scale | | | |
| **Context:**  Part of the Harchester project  **Why:**  - To enable students to get into the workshop in their very first week of the course.  - To enable students to feel familiar within a workshop environment, breaking the apprehensive feeling some students have towards manufacturing. | | **What do students gain:**  - Understanding that you can design through model making  - Confidence to work within the workshop situation | **Resources:**  Workshop and equipment  Pine 45x45x150  Glue + Sand  Grey Paint (Emulsion + Black poster paint to create colour  RA – LOW (See detailed SoW) |
| **What do students learn:**  **Manufacturing Skills:**  - Revision on Yr7 & 8 Manufacturing skills   * Marking Out * Sawing * Chiselling * General Model Making | | **What do students learn:**  **Designing Skills:**  - Design as they make it, build in any mistakes  - Graphics/design element can be included if time or if you wish to extend the project | **Purpose:**  - A project which can be undertaken whilst designing for the next manufacturing project |
| **Student Timeline:** | | | Teacher Action: |
| Week 1 | Introduction - H&S Recap  Start Marking out MODEL 1  Recapped – Workshop Management | | Recap -H&S  Explain overview - process  Demo - Marking out |
| Week 2 | Complete Marking Out MODEL 1  Start Sawing & Chiselling MODEL 1 | | Recap - Marking out  Demo - Sawing & Chiselling |
| Week 3 | Continue Sawing and Chiselling MODEL 1 | | Recap - Sawing & Chiselling  Demo – Addition & Subtraction |
| Week 4 | Complete Sawing & Chiselling MODEL 1  Texture MODEL 1 | | Demo - Texturing |
| Week 5 | Start MODEL 2  Marking Out MODEL 2  Saw & Chisel MODEL 2 | | Demo - Painting Model |
| Week 6 | Saw & Chisel MODEL 2 | | Recap – Texturing + Painting |
| Week 7 | Saw & Chisel MODEL 2  Paint MODEL 1  Texture MODEL 2 | | Recap - General |
| Week 8 | Paint MODEL 2  Start Next Project | | Recap - General |