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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 equipmentPine 45x45x150Glue + SandGrey Paint (Emulsion + Black poster paint to create colourRA – 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 RecapStart Marking out MODEL 1Recapped – Workshop Management | Recap -H&SExplain overview - processDemo - Marking out |
| Week 2 | Complete Marking Out MODEL 1Start Sawing & Chiselling MODEL 1 | Recap - Marking outDemo - Sawing & Chiselling |
| Week 3 | Continue Sawing and Chiselling MODEL 1 | Recap - Sawing & ChisellingDemo – Addition & Subtraction |
| Week 4 | Complete Sawing & Chiselling MODEL 1Texture MODEL 1 | Demo - Texturing  |
| Week 5 | Start MODEL 2Marking Out MODEL 2Saw & Chisel MODEL 2 | Demo - Painting Model |
| Week 6 | Saw & Chisel MODEL 2 | Recap – Texturing + Painting |
| Week 7  | Saw & Chisel MODEL 2Paint MODEL 1Texture MODEL 2 | Recap - General |
| Week 8  | Paint MODEL 2 Start Next Project | Recap - General |