Assignment ED04 – Litter Bin

All work A3 Landscape

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| Page | Title | Detail | Content | Available Resources |
| Sheet 1 | Cover | Cover | Project Title  Student Name  Tutor Group  DT Class Group | - A3 Cover Template -ED04a |
| Sheet 2 | Introduction | Brief, basic design | - Brief  - Drawing + measurements | - Brief H/O – ED04b  - Litter Bin Design - ED04c |
| Sheet 3 | Materials 1 | Chart with measurements | Notes on available materials | - School materials with costs H/O - ED04d |
| Materials 2 | Possible materials for real bin | Note on materials for real product | Litter Bin Materials H/O - ED04e |
| Sheet 4 | Processes  Model – Basic Construction  Tools | List of tools – plus use  Processes  Finishes | List of processes/tools available in workshop | - Tools H/O - ED04f  - List of processes H/O - ED04g |
| Industrial Processes | How it can be really made | Real  - Plastic  - Metal  - Concrete | Litter Bin Manufacture H/O - ED04h |
| Sheet 5 | H&S | Study RA  Create a Risk assessment chart for Litter Bin | Risk assessments  Project plan with risk assessments | Risk Assessments  Project RA Chart - ED04i |
| Sheet 6 | Planning | Plans/  Orthographic/  Exploded | Plan of final design | Orthographic Drawing H/O - ED04j  Dimensioning H/O ED04k |
| Sheet 7 | Production plan | Step by Step  Flow diagrams | Step instructions  Gantt Chart  Simple Flow chart | Production Plan Template - ED04l |
| Sheet 8 | Diary | Weekly progress report | Ongoing | Weekly Progress A3 Template - ED04m |
| Sheet 9 | Alterations | Changes made including design features | List of changes and reasons for these |  |
| Sheet 10 | Photos - Evaluation | Photos and Reflection | Photos of model (4)  Reflection points | Reflection sheet – ED04n |

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| Outcome | Solid Model – 1:6 Scale |  | Litter Bin |

Version 3