# Useless Box Marking Rubric

**Note:** If a section is not complete, or if the part is supplied, no marks will be awarded for that section.

| Section | Description | Mark |
|---|---|---|
| **Servo Operation** | Tutorials followed to demonstrate understanding and control of a servo motor using an Arduino Nano | /5 |
| **Schematic Design** | Tutorials followed to complete a schematic layout (Diptrace) of the Useless Box circuit using an ATTiny85 microprocessor chip. Schematic diagram printed and submitted. | /5 |
| **PCB** | Tutorials were followed to complete the design of a Printed Circuit Board (Diptrace). PCB design printed and submitted. | /5 |
| **3D Print** | 3D printed hinge made using a supplied model file and slicer software (Tinkerine). | /5 |
| **Laser Cut Project Body** | Use the Laser to cut out the components for the body of the project | Omit<br>(supplied without penalty) |
| **Assemble/Complete** | Useless box completed and fully operational. | /20 |
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