Year 10 – Industrial Technology

Upcycled Assessment Task 2024

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| **TOPIC**: Upcycled Product**Due:** Week 10 – Term 1 Friday 5th April | **MARKS:** /20 |
| **SUBMISSION REQUIREMENTS:** **PART A:** Students must submit their brainstorm of ideas on the discussion board on CANVAS. **PART B/C:** Photo or video of product must be submitted on CANVAS.  |
| **OUTCOMES TO BE ASSESSED:**IND5.3: **Identifies,** selects and uses a range of hand and machine tools, equipment and processes to produce quality practical projectsIND5.6: **Identifies** and **participates** in collaborative work practices in the learning environment IND5.7: **applies** and transfers skill, processes and materials to a variety of contexts and projects  |
| **DIRECTIONAL VERBS:****Applies**: Use, utilise, employ in a particular situation**Identifies**: Recognise and name**Participate:** Take part in |
| **TASK DESCRIPTION:****This task contains three parts.**You are to design and develop an upcycled product made from materials found at home.**Part A**You are required to **apply** your skills to brainstorm potential ideas and **participate** in a discussion board on CANVAS **identifying** and describing your ideas. **Part B**You are required to use a variety of tools and techniques in the development and creation of an up cycled product, which has been made from recyclable materials. The materials should be those found at home and are no longer needed such as cardboard, timber, plastic, foam, recyclable items etc. You can choose to use old furniture and accessories, but they must be upcycled and given a new lease on life. This needs to be done in a unique way (not just repainted)**Part C**You are required to **identify** all of the hand and machine tools and equipment used in the development of your product |
| **ASSESSMENT CRITERIA:****Part A:** Brainstorm at least two ideas of upcycled products that could be created from materials in your home. Post these two ideas along with a description of what it would look like on CANVAS **Part B:** Select any idea from the discussion board (it does not need to be your idea) and using materials around your house, for example cardboard, timber, plastic, foam, recyclable item etc, apply your skills to develop an upcycled product. Take photos of your product or upload a video and submit on CANVAS **Part C:** Create a table that identifies all tools and equipment used in the development of your product. This table should include the name of the tool/equipment, a picture of the tool/equipment and a brief definition of what the tool/equipment is. Submit on CANVAS along with Part B. |

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|  **ASSESSMENT MARKING CRITERIA** |
| **Part A** IND5.6: **Identifies** and **participates** in collaborative work practices in the learning environment  | **Mark** | **Grade** |
| **Identifies** and **participates** in collaborative work practices to an outstanding standard by posting on the CANVAS discussion board:*- At least two ideas of an upcycled product that could be made from materials around the home* *- A thorough and detailed description of what the product would look like.*  | 5 | A |
| **Identifies** and **participates** in collaborative work practices to a high standard by posting on the CANVAS discussion board:*- Two ideas of an upcycled product that could be made from materials around the home* *- A detailed description of what the product would look like.*  | 4 | B |
| **Identifies** and **participates** in collaborative work practices to a satisfactory standard by posting on the CANVAS discussion board:*- Two ideas of an upcycled product* *- Two or three sentences describing of what the product would look like.*  | 3 | C |
| **Identifies** and **participates** in collaborative work practices to a basic standard by posting on the CANVAS discussion board:*- At least one idea of an upcycled product made from materials around the home**- At least a sentence describing what the product would look like.*  | 2 | D |
| **Identifies** and **participates** in collaborative work practices to a limited standard by posting on the CANVAS discussion board:*- May/may not include one idea of an upcycled product**- May/may not include a few words to describe the product* | 1 | E |

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| **ASSESSMENT MARKING CRITERIA** |
| **Part B**IND5.7: **applies** and transfers skill, processes and materials to a variety of contexts and projects  | **Mark** | **Grade** |
| **Applies** design principles and transfers skills, processes and materials in the modification, development and production of product to an outstanding standard by:* *Producing an exceptional quality upcycled product using materials from around the house*
* *Clearly demonstrates outstanding construction skills in the completed prototype*
 | 9-10 | A |
| **Applies** design principles and transfers skills, processes and materials in the modification, development and production of product to a high standard by:* *Producing a quality upcycled product using materials from around the house*
* *Demonstrates above satisfactory construction skills in the development of the prototype*
 | 7-8 | B |
| **Applies** design principles and transfers skills, processes and materials in the modification, development and production of product to a satisfactory standard by:* *Producing an adequate upcycled product using materials from around the house*
* *Demonstrates satisfactory construction skills in the development of the prototype*
 | 5-6 | C |
| **Applies** design principles and transfers skills, processes and materials in the modification, development and production of product to a basic standard by:* *Producing a basic attempt at an upcycled product that may/may not be made from materials easily found around the house.*
* *Demonstrates basic construction skills in the development of the prototype*
 | 3-4 | D |
| **Applies** design principles and transfers skills, processes and materials in the modification, development and production of product to a limited standard by:* *Producing a product that may/may not be upcycled or may/may not be completed*
* *Minimal effort in demonstration of construction skills*
 | 1-2 | E |

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| **ASSESSMENT MARKING CRITERIA** |
| **Part C** IND5.3: **Identifies,** selects and uses a range of hand and machine tools, equipment and processes to produce quality practical projects | **Mark** | **Grade** |
| **Identifies**, selects and uses a range of hand and machine tools, equipment and processes to produce quality practical projectsto an outstanding standard by creating a table that stipulates:* *All of the tools used to create the upcycled product*
* *A photo of the tools used*
* *A detailed definition of the purpose of the tool, identifying why this tool was selected to produce the product*
 | 5 | A |
| **Identifies**, selects and uses a range of hand and machine tools, equipment and processes to produce quality practical projectsto a high standard by creating a table that stipulates:* *Most of the tools used to create the upcycled product*
* *A photo of the tools used*
* *A definition of the purpose of the tool*
 | 4 | B |
| **Identifies**, selects and uses a range of hand and machine tools, equipment and processes to produce quality practical projectsto a satisfactory standard by creating a table that stipulates:* *At least two of the tools used to create the upcycled product*
* *A photo of the tools used*
* *A brief a definition of the purpose of the tool*
 | 3 | C |
| **Identifies**, selects and uses a range of hand and machine tools, equipment and processes to produce quality practical projectsto a basic standard by creating a table that stipulates:* *At least one tool used to create the upcycled product*
* *May/may not include a photo of the tools used*
* *A basic attempt at a definition of the purpose of the tool*
 | 2 | D |
| **Identifies**, selects and uses a range of hand and machine tools, equipment and processes to produce quality practical projectsto a limited standard by creating a table that stipulates:* *At least one tool used to create the upcycled product*
* *May/may not include a photo of the tools used*
* *May/ May not include an attempt at a definition of the purpose of the tool*
 | 1 | E |