

## MANILLA CENTRAL SCHOOL - ASSESSMENT TASK NOTIFICATION 2024

### Stage 5 Industrial Technology: Metal – Mr Van Doesburg

Task Number: 1

Notification Date: Term 1, Week 6 - Monday 4th March 2024

Weight: 30%

Due Date: Week 2, Term 2 - Wednesday 08/05/2024

to your teacher by 3:20pm



## Fabrication Project and Portfolio

### OUTCOMES ASSESSED

**IND5-2:** applies design principles in the modification, development and production of projects.

**IND5-3:** identifies, selects and uses a range of hand and machine tools, equipment and processes to produce quality practical projects.

**IND5-5:** selects, interprets and applies a range of suitable communication techniques in the development, planning, production and presentation of ideas and projects.

### TASK DESCRIPTION

**Metal Project:** Assessment of project and its completion and at the due date (20%)

**Design portfolio:** Assessment of creation of a project design portfolio. (10%)

### TASK INSTRUCTIONS

#### Metal Project:

Students are to produce a fabrication project using appropriate construction techniques. The project will be completed throughout the term during practical lessons, during which the teacher will demonstrate and oversee the correct metalworking processes being completed.

#### Portfolio:

Create a portfolio which includes:

- Cover Page
- Statement of Intent
- WHS & risk management
- Risk Assessments
- Research and selection of alternate designs
- Selection and justification of resources
- Material quantities and cutting lists
- Design sketches & Workshop drawings
- Project procedure
- Problems in production
- Evaluation, both functional and aesthetic

Teacher's signature: \_\_\_\_\_

Mr M Van Doesburg

Head Teacher's signature: \_\_\_\_\_

Miss A Nott

Deputy Principal's signature: \_\_\_\_\_

Mrs R Ferguson

## MARKING CRITERIA

Practical Skills/Project Mark (20%)	
<ul style="list-style-type: none"> <li>● Produces high quality work with accurate attention to detail.</li> <li>● Quality of work is evident through a strong knowledge of techniques and processes.</li> </ul>	16-20
<ul style="list-style-type: none"> <li>● Produces sound quality work with mostly accurate attention to detail.</li> <li>● Quality of work is evident through a sound knowledge of techniques and processes.</li> </ul>	12-15
<ul style="list-style-type: none"> <li>● Produces basic quality work. Accuracy and attention to detail is sometimes evident.</li> <li>● Some knowledge of correct techniques and processes are evident.</li> </ul>	8-11
<ul style="list-style-type: none"> <li>● Project is incomplete and basic quality.</li> <li>● Demonstrates a simple understanding of correct techniques and processes to produce quality work.</li> </ul>	4-7
<ul style="list-style-type: none"> <li>● Project is incomplete and some components are not present.</li> <li>● Demonstrates a limited understanding of correct techniques and processes.</li> </ul>	1-3
<ul style="list-style-type: none"> <li>● Non-attempt or does not meet required outcomes.</li> </ul>	0

Design Portfolio Mark (10%)	
<ul style="list-style-type: none"> <li>● All outlined areas of the design portfolio are completed to a high standard and include all information to be able to construct the project.</li> <li>● Design sketches are accurately illustrated, including all dimensions.</li> <li>● Communicates the design process clearly using text, photographs, and sketches.</li> </ul>	13-15

<ul style="list-style-type: none"> <li>Clearly justifies materials and construction techniques.</li> <li>Evaluates work based upon function, quality of construction, and aesthetics.</li> </ul>		
<ul style="list-style-type: none"> <li>All outlined areas of the design portfolio are completed to a sound standard and include all information to be able to construct the project.</li> <li>Design sketches are illustrated, including most dimensions.</li> <li>Communicates the design process using text, photographs, and sketches.</li> <li>Justifies materials and construction techniques.</li> <li>Evaluates work based upon one or two of the following: function, quality of construction, or aesthetics.</li> </ul>	11-13	
<ul style="list-style-type: none"> <li>Most outlined design portfolio areas are completed or mostly complete.</li> <li>Design sketches are illustrated.</li> <li>Communicates the design process using text, or photographs and sketches.</li> <li>Justifies materials or construction techniques.</li> <li>Evaluates work based upon one of the following: function, quality of construction, aesthetics.</li> </ul>	8-11	
<ul style="list-style-type: none"> <li>Some of the design portfolio areas are completed or mostly complete.</li> <li>Design sketches are incomplete or unsatisfactorily drawn.</li> <li>Communicates the design process using photographs or sketches.</li> <li>Lists materials or construction techniques.</li> <li>Attempts to evaluate their practical project.</li> </ul>	4-7	
<ul style="list-style-type: none"> <li>Limited completion of outlined design portfolio areas.</li> <li>Design sketches are unsatisfactory or absent.</li> </ul>	1-3	
<ul style="list-style-type: none"> <li>Non-attempt or does not meet required outcomes.</li> </ul>	0	
<b>Task Mark:</b>	<b>Task Rank:</b>	<b>Cumulative Rank:</b>

**Additional Feedback:**

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Teacher Signature: \_\_\_\_\_

Date: \_\_\_\_\_