

## MANILLA CENTRAL SCHOOL - ASSESSMENT TASK NOTIFICATION 2024

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



Task Number: 2

Notification Date: Term 2, Week 4: Tuesday 21st May 2024

Weight: 35%

Due Date: Term 3, Week 2: Friday 2nd August 2024 by 3:20pm

## Toasting Fork and Spatula and Design Portfolio

### OUTCOMES ASSESSED

**IND5-1** identifies, assesses, applies and manages the risks and WHS issues associated with the use of a range of tools, equipment, materials, processes and technologies

**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.

**IND5-4:** selects, justifies and uses a range of relevant and associated materials for specific applications.

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

**IND5-7** applies and transfers skills, processes and materials to a variety of contexts and projects

**IND5-8** evaluates products in terms of functional, economic, aesthetic and environmental qualities and quality of construction.

### TASK DESCRIPTION

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

**Design portfolio: Assessment of creation of a project design portfolio. (15%)**

### TASK INSTRUCTIONS

#### Metal Project:

Students are to construct a Toasting Fork and Spatula using appropriate construction steps.

The Toasting Fork and Spatula project has been completed during Term 2 practical lessons, during which the teacher demonstrated and oversaw the correct metal working 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
- Steps in Production
- 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

<b>Practical Skills/Project Mark (20%)</b>	
<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> <li>● Consistently applies knowledge of WHS management when using metalworking hand tools and machinery.</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> <li>● Applies knowledge of WHS management when using metalworking hand tools and machinery.</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> <li>● Assesses WHS risks when using metalworking hand tools and machinery.</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> <li>● Can identify areas of WHS management when using metalworking hand tools and machinery.</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> <li>● Demonstrates a limited knowledge of WHS management when using metalworking hand tools and machinery.</li> </ul>	1-3
<ul style="list-style-type: none"> <li>● Non-attempt or does not meet required outcomes.</li> </ul>	0

<b>Design Portfolio Mark (15%)</b>		
<ul style="list-style-type: none"> <li>All outlined areas of the design portfolio are completed comprehensively to a high standard and include all information to be able to construct the project.</li> <li>Design sketches are accurately ruled in pencil, including all dimensions.</li> <li>Communicates the design process clearly using text, photographs, and sketches.</li> <li>Clearly justifies materials and construction techniques.</li> <li>Evaluates work based upon function, quality of construction, and aesthetics.</li> <li>Risk management and WHS issues are clearly identified for all tools, equipment, and processes.</li> </ul>		13-15
<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 ruled in pencil, 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> <li>Risk management and WHS issues are identified for most tools, equipment, and processes.</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 drawn freehand or in pen.</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> <li>Attempts to identify some risk management and WHS issues relating tools, equipment, and processes.</li> </ul>		8-10
<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
Non-attempt or does not meet required outcomes.		0
<b>Task Mark:</b>	<b>Task Rank:</b>	<b>Cumulative Rank:</b>

**Additional Feedback:**

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

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