

## MANILLA CENTRAL SCHOOL - ASSESSMENT TASK NOTIFICATION 2023

### Stage 5 Industrial Technology: Metal – Mr C. Smith

Task Number: 3

Notification Date: Friday 20<sup>th</sup> October 2023

Weight: 35%

Due Date: Friday 3rd November, 2023 to Mr Smith by 3.20pm



## Rocket Stove 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.

**IND5-3:** 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.

**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

**Design portfolio: Assessment of creation of a project design portfolio.**

### TASK INSTRUCTIONS

#### Metals Project:

The Rocket Stove project will be completed throughout the term during practical lessons, during which the teacher will demonstrate and oversee the correct processes are being completed.

#### Design Portfolio:

Must Include:

- Cover Page
- Orthographic Design Sketches
- Steps in Construction
- Cutting List
- Resource List
- Photos of project during and after completion.
- Peer and self-evaluation of the final product.

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

Mr C Smith

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

Miss A Nott

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

Mrs A Lawrence

## MARKING CRITERIA

Design Portfolio Mark (35%)		
<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 completed digitally, including all dimensions.</li> <li>Photographs show a project completed to an outstanding standard.</li> <li>Evaluation is insightful and includes elements for future growth and learning.</li> </ul>		29-35
<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 all dimensions.</li> <li>Photographs show a project completed to a high standard.</li> <li>Evaluation is insightful and includes strengths and weaknesses.</li> </ul>		22-28
<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>Photographs show a project completed to a sound standard.</li> <li>Evaluation includes strengths and weaknesses.</li> </ul>		15-21
<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>Photographs show a project completed to a basic standard.</li> <li>Evaluation includes a strength or a weakness.</li> </ul>		8-14
<ul style="list-style-type: none"> <li>Limited completion of outlined design portfolio areas.</li> <li>Design sketches are unsatisfactory or absent.</li> <li>Photographs show an incomplete project.</li> </ul>		1-7
<ul style="list-style-type: none"> <li>Non-attempt/non-serious attempt</li> </ul>		0
Task Mark:	Task Rank:	Cumulative Rank:

**Additional Feedback:**

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

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