

MANILLA CENTRAL SCHOOL - ASSESSMENT TASK NOTIFICATION 2022

Stage 5 Industrial Technology: Metal – Mr C. Smith

Task Number: 2

Notification Date: Friday 22nd July, 2022

Weight: 35%

Due Date: Friday 5th August, 2022 by 3.20pm to Mr. Smith



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 woodworking processes being completed.

Design Portfolio:

Create a portfolio which includes:

- Cover Page
- Orthographic Design Sketches
- Steps in Construction
- Cutting List
- Resource List (Including WHS measures)
- Justification of materials and construction techniques.
- Photos of project after completion.
- Self-evaluation of the final product.

Teacher's signature: _____

Mr C Smith

Head Teacher Admin's signature: _____

Ms M Eagles

Deputy Principal's signature: _____

Ms A Lawrence

MARKING CRITERIA

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

Design Portfolio Mark (15%)	
<ul style="list-style-type: none"> • 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. • Design sketches are accurately ruled in pencil, including all dimensions. • Communicates the design process clearly using text, photographs, and sketches. • Clearly justifies materials and construction techniques. • Evaluates work based upon function, quality of construction, and aesthetics. • Risk management and WHS issues are clearly identified for all tools, equipment, and processes. 	13-15
<ul style="list-style-type: none"> • All outlined areas of the design portfolio are completed to a sound standard and include all information to be able to construct the project. • Design sketches are ruled in pencil, including most dimensions • Communicates the design process using text, photographs, and sketches. • Justifies materials and construction techniques. • Evaluates work based upon one or two of the following: function, quality of construction, or aesthetics. • Risk management and WHS issues are identified for most tools, equipment, and processes. 	11-13
<ul style="list-style-type: none"> • Most outlined design portfolio areas are completed or mostly complete. • Design sketches are drawn freehand or in pen. • Communicates the design process using text, or photographs and sketches. • Justifies materials or construction techniques. • Evaluates work based upon one of the following: function, quality of construction, aesthetics. • Attempts to identify some risk management and WHS issues relating tools, equipment, and processes. 	8-10
<ul style="list-style-type: none"> • Some of the design portfolio areas are completed or mostly complete. • Design sketches are incomplete or unsatisfactorily drawn. • Communicates the design process using photographs or sketches. • Lists materials or construction techniques. • Attempts to evaluate their practical project. 	4-7
<ul style="list-style-type: none"> • Limited completion of outlined design portfolio areas. • Design sketches are unsatisfactory or absent. 	1-3
<ul style="list-style-type: none"> • Non-attempt or does not meet required outcomes. 	0

Task Mark:	Task Rank:	Accumulative Rank:

Additional Feedback:

Teacher Signature: _____

Date: _____