

Faculty: TAS	Subject: HSC Industrial Technology Metal & Timber	Title: Project Folio, Evaluation & Justification
Teacher: Boundy/Thompson		Student:
Outcomes/Content Assessed: H3.2 - selects and applies appropriate research and problem-solving skills H4.3 - critically applies knowledge and skills related to properties and characteristics of materials/components H5.1 – selects and uses communication and information processing skills H5.2 – examines and applies appropriate documentation techniques to project management H6.1 - evaluates the characteristics of quality manufactured products		
Weighting(s): 35%		
Date Given: Friday 5 th July 2019 (Term 2 – Weeks 10)		Date of Completion: Friday 2 nd August 2019 (Term 3, Week 2)
<p>Description of Task: Students are continuing to complete their working Project Folio for their Major Project. In this assessment task students, are required to have a majority of their Project Folio components completed and demonstrate their evaluation and justification throughout these components. Students must evaluate and justify at all stages of the Project Folio identifying reasons for the choices they have made throughout the design & production phases.</p> <p>Task Guidelines: (Steps/Marking Scale/Grid)</p> <p>Component 1 (40 marks) Students must have the following components completed of their Project Folio:</p> <ol style="list-style-type: none"> 1. Statement of intent 2. Research of: <ol style="list-style-type: none"> a. components, b. processes, c. technologies d. resources 3. Selection and justification of appropriate materials, processes and resources 4. Project Design Development <ol style="list-style-type: none"> a. Development of ideas, b. sketching and idea generation, c. prototyping, d. modelling and testing, e. production and working drawings 5. Appropriate design and/or design modification 6. Timeline plan including estimation and evaluation of time allocation <ol style="list-style-type: none"> a. Proposed b. Actual 7. Finance plan including projected cost and an analysis of actual costs of materials and Services (if applicable) <ol style="list-style-type: none"> a. Proposed b. Actual 8. Record of the production 9. Evidence of OHS (WHS) and safe working practices 10. Presentation skills and techniques including ICT skills 11. Evidence of a range of ICT skills <p>Each component will be assessed on a 0-2 marking criteria. It is important that the student completes or has each stage at the current timeframe of completion to allow the marker to allocate marks appropriately.</p>		

Component 2 (30 marks)

The student must show evidence of the following:

1. Ongoing Evaluation

Ongoing Evaluation should be conducted throughout the development of the project. All changes, new ideas, materials, processes and techniques should be documented, evaluated and justified in relation to the *Statement of Intent*. (See Major Project Folio Outline booklet for details)

2. Justification

You are required to present well researched reasons why you have chosen the material, components, processes and other resources such a time, finance, assistance, tools/machines, energy. It is necessary to provide options for each category before you can justify your choice. Reasons (or justification) must be given for your choices and these must be based on substantial research and experimentation which should be documented in the research section of your folio.

Students should complete all folio components to be satisfactorily assessed on the levels of evaluation and Justification at each required component stage.

Advice on Acknowledging of References, Format and Submission:

Completing the Bibliography/Reference List

- Complete the bibliography following the steps below. This is for any resource you have used, images, text, videos etc. You must include these details in your bibliography, it will be returned if it is not.
 - a) Authors name: Surname first, then first initial or name.
 - b) Title of document/website in 'single quotation marks'
 - c) Date of publication
 - d) (Online) Available
 - e) <full URL>
 - f) [Date of access in Brackets]

Assessment Expectations

- It is expected that this research report should be a substantial document that will showcase your skills in researching and using Information and Communication Technologies to compile a report on the topics highlighted in the Assessment Task.
- Refer to the Assessment Policy set by Orange High School for details that are consistent with standard assessment criteria. If an assessment is late you must follow the Assessment Policy guidelines or accept the zero mark for the late submission for the assessment task. A Misadventure Form should be submitted as per guidelines with relevant supporting documentation. If circumstances are known prior to the submission date, students are required to inform prior to the assessment task due date.

Assessment Format and Submission

- You will use **Microsoft Word or the like** to present your assessment task. You will be required to upload this assessment to the Google Classroom assessment link or via the appropriate processes to your teacher by the 9am submission timeframe.
- Font size of 11/12 point for body text, Times new roman, Calibri or Arial.

Marking Criteria	Student:	
Component 1 – Project Folio	Allocated Mark	Mark
1. Statement of intent	0 – 2	
2. Research of: <ol style="list-style-type: none"> components, processes, technologies resources 	0 – 2	
3. Selection and justification of appropriate materials, processes and resources	0 – 2	
4. Project Design Development <ol style="list-style-type: none"> Development of ideas, sketching and idea generation, prototyping, modelling and testing, production and working drawings 	0 – 2	
5. Appropriate design and/or design modification	0 – 2	
6. Timeline plan including estimation and evaluation of time allocation <ol style="list-style-type: none"> Proposed Actual 	0 – 2	
7. Finance plan including projected cost and an analysis of actual costs of materials and Services (if applicable) <ol style="list-style-type: none"> Proposed Actual 	0 – 2	
8. Record of the production	0 – 2	
9. Evidence of OHS (WHS) and safe working practices	0 – 2	
10. Presentation skills and techniques including ICT skills, Evidence of a range of ICT skills	0 – 2	
	20	/20
Component 2 – Ongoing Evaluation & Justification	Allocated Mark	Mark
Outstanding: <ul style="list-style-type: none"> The Student will produce an evaluations and justifications on ALL changes, new ideas, materials, processes and techniques documented in relation to the <i>Statement of Intent</i> and completed to an OUTSTANDING level of application and understanding. The Evaluations and Justifications MUST be identified by a key or legend, like the examples given in the Major Project Folio Workbook. 	25-30	
High: <ul style="list-style-type: none"> The Student will produce evaluations and justifications on ALL/MOST changes, new ideas, materials, processes and techniques documented in relation to the <i>Statement of Intent</i> and completed to a HIGH level of application and understanding. The Evaluations and Justifications MUST be identified by a key or legend, like the examples given in the Major Project Folio Workbook. 	19-24	
Sound: <ul style="list-style-type: none"> The Student will produce evaluations and justifications on MOST changes, new ideas, materials, processes and techniques documented in relation to the <i>Statement of Intent</i> and completed to a SOUND level of application and understanding. The Evaluations and Justifications MUST be identified by a key or legend, like the examples given in the Major Project Folio Workbook. 	13-18	
Basic: <ul style="list-style-type: none"> The Student will produce evaluations and justifications on SOME/MOST changes, new ideas, materials, processes and techniques documented in relation to the <i>Statement of Intent</i> and completed to a BASIC level of application and understanding. The Evaluations and Justifications SHOULD be identified by a key or legend, like the examples given in the Major Project Folio Workbook. 	7-12	
Limited: <ul style="list-style-type: none"> The Student will produce evaluations and justifications on SOME changes, new ideas, materials, processes and techniques documented in relation to the <i>Statement of Intent</i> and completed to a LIMITED level of application and understanding. The Evaluations and Justifications MAY be identified by a key or legend, like the examples given in the Major Project Folio Workbook. 	0-6	
	30	/30

