

Lesson Plan Format

Class/Grade/Stage: <u>Year 9</u>	Date: <u>3rd November 2022</u>	Time: Start: <u>9am</u> Finish: <u>10am</u>
Key Learning Area(s): <u>Design and Technologies</u>	Lesson Topic: <u>WHS/ workshop safety/ practical project</u>	
NESA Australian Professional Standards for Teachers <i>Identify the standard(s) and focus areas that align with this lesson:</i>	<ul style="list-style-type: none"> <u>employ technological processes commonly used in commercial enterprises to develop design projects, for example: (ACTDEK047, ACTDEP050)</u> <u>- advanced manufacturing, eg laser cutting, CNC milling</u> 	
Recent Prior Experience <i>(formative assessment, summative assessment, specific relevant concepts, skills and values the school students have experienced prior to this lesson):</i> <ul style="list-style-type: none"> <u>Students have had 2 years' experience in the workshop and have covered variations of this material before</u> <u>Students have completed OnGuard to know the workshop safety protocols</u> 		
Syllabus/Syllabi Outcome(s): <i>Please note the syllabus reference number AND write out in full.</i> <u>- develops and evaluates creative, innovative and enterprising design ideas and solutions DT5-6</u> <u>selects and uses a range of technologies competently in the development and management of quality design solutions DT5-10</u> <u>-</u>	Indicators of Learning for this lesson- learning intentions and success criteria: <u>(WALT: we are learn to...)</u> <u>In meaningful Ss language, so Ss can monitor their learning.</u> <u>Linked directly with the syllabus/syllabi outcome(s).</u> Learning intention(s): What will Ss know, understand and be able to do as a result of the learning and teaching: <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <u>-students will be able to further their hand tool skills and improve precision of use</u> <u>Students will understand the safety hazards/controls of the workshop</u> </div> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <u>-</u> </div> Success criteria: How students will know they have achieved these intentions? <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <u>-their project will come together and be precise and accurate with not many gaps in joints</u> </div>	Assessment: <u>(WILF: what im looking for..)</u> <i>Strategies which will be used to assess learners' attainment of learning outcomes. Should be linked to each learning indicator.</i> <u>-tight fitting joints and smoothed edges</u> <u>- up to date whs booklet with correct answers</u> <u>-</u> <u>-</u>

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Any safety issues to be considered (APST 4.4.1): <u>hand tool safety (no injuries)</u>	Resources: <i>List resources you used in preparing the lesson AND those used in the lesson implementation: tenon saw, disc sander, glue, clamps, ipads, projector</i>	

LESSON SEQUENCE

Lesson Content / Indicators of Learning/ Teaching Strategies (What is Taught):	Timing (mins)	Learning Experiences: (How it is taught) <i>Write detailed steps showing what the teacher (T) will do and what students (Ss) will do. Include differentiation if applicable.</i>	Resources and Organisation:
<ul style="list-style-type: none"> - student skills - student concepts - student values - link with learning intentions - link with success criteria 		<ul style="list-style-type: none"> - teaching strategies 	
INTRODUCTION			
<ul style="list-style-type: none"> the students will learn how to safely behave in the workshop, and be able to identify potential risks/hazards in the workshop and know how to solve/fix them. They will learn the expectations of how to act within the workshop setting They will learn what they should be up to following this lessons completion 	5 mins	<ul style="list-style-type: none"> Have a document uploaded to showbie that's projected onto the board outlining what the expectations are for the lesson and what needs to be done for that lesson We will go through them as a class and ensure all students know expectations, then I will explain that were working through the practical booklet 	<ul style="list-style-type: none"> Ipad (for showbie) Projector Explanation of lesson document

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DEVELOPMENT			
<ul style="list-style-type: none">• <u>Students will be able to understand the safety hazards of the workshop and be able to identify and fix any potential workplace hazards</u>• <u>Students will learn safe practices and methods for use of materials and tools within the workshop</u>• <u>Students will safely use workshop tools and materials to continue their practical projects</u>	45 mins	<ul style="list-style-type: none">• <u>"I DO, YOU DO, WE DO"</u>• <u>Start by asking the question and maybe giving some prompts especially if the students are struggling with the content</u>• <u>Start with a big introduction within the topic and overview/explanation, and once introduced to the topics then help them do some of the first questions, then slowly start helping less and less until their answering questions on their own</u><ul style="list-style-type: none">◦ <u>(if class is struggling add more support back in but see how they go working with lesson guidance)</u>• <u>While doing this other students will begin their practical work, as not all students can work on their projects at once and there aren't enough tools to go around</u>	<ul style="list-style-type: none">• <u>Ipad (for showbie)</u>• <u>Whiteboard/whiteboard markers</u>• <u>Students have their Ipads/laptops</u>• <u>Timber</u>• <u>Disc sander</u>• <u>Clamps</u>

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CLOSURE			
<div><div>— Students will recap/reconsolidate the information learnt in todays lesson and discuss any problems or issues that may have been encountered along the way through the class</div><div><div></div></div></div>	5 mins	<div><div>• Students will pack up a little early so we can have a class debriefing. We will discuss where everyone got up to and what stages might come next so then I can also prepare further lessons from it. I will also evaluate how they behaved that lesson and if needed give them point that need improving on</div></div>	<div><div>• Ipad</div><div>• Projector</div><div>• Digital copy of workbook</div></div>

(add further pages as required)

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Student Teacher's Evaluation *(write reflections on the following):*

Assessment of Learning Outcomes *(suggested NESAPST 2.3.1, 3.1.1, 5.1.1, 5.2.1, 5.3.1, 5.4.1)*

To what extent did the learners achieve the intended learning outcomes (learning intentions and success criteria)?

Describe the evidence you have for this.

Outline the follow-up to this lesson for the **learners**.

Evaluation of Teaching *(suggested NESAPST 1.2.1, 1.3.1, 1.4.1, 1.5.1, 1.6.1, 2.2.1, 2.3.1, 2.4.1, 2.5.1, 2.6.1, 3.1.1, 3.2.1, 3.3.1, 3.4.1, 3.5.1, 3.6.1, 4.1.1, 4.2.1, 4.3.1, 5.1.1, 5.2.1, 5.3.1)*

Identify the teaching strategies / learning experiences that were **most** effective. Explain why.

Identify the teaching strategies / learning experiences that were **least** effective. Explain why.

How appropriate was the timing throughout the various sections of the lesson? Why?

Describe how the selection and use of resources supported learning in the lesson.

Identify what motivated the students. Explain why.

Identify the classroom management strategies that were **most** effective. Explain why.

What was most satisfying about the lesson?

Based on these reflections, outline the steps you should now take to improve your teaching in future lessons.

Colleague teacher's comments: (Reference could be made, for example, to planning and preparation, knowledge of curriculum, organisation, motivation of pupils, strategies used, interaction with students, classroom management, catering for individual needs, use of resources, etc. in alignment with the NESA APST Graduate Teaching Standards)