

Term 4: Practical skills development

<u>Unit 1</u>	RED	AMBER	GREEN	Do you need further support following DIRT?	Final rating		
					R	A	G
A. Practical skills development							
Continue to assemble the go cart							
Continue to assemble the go cart							
Race go-cart down the hill.							
DIRT 1: Explain what problems you have come across when working on the go carts and how you overcome them.							
Revisit the lifting procedures when lifting a vehicle.							
Use the 2 post ramp with guidance and understand how to use it.							
Explain how to remove the brake components in the correct way without causing damage to the vehicle.							
DIRT 2: What safety precautions have to be taken when lifting a car? Please explain your answer.							
Understand how to Service brake components							
Demonstrate how to service brake components							
Understand how to bleed the breaks on a car.							
DIRT 3: explain how to correctly bleed the breaks on a vehicle and what problems can occur							
Demonstrate how to brake bleeding							
Explaining the principles of how brakes work							
Find out how to find the specification for each vehicle can be found and understand why this is done.							
Reassemble the vehicle to original specification.							
Summative Assessment – short/ long answered questions for learning outcome A- All topics listed above.							

Percentage	I can ...	Prove it!- check your book
 L2P	<p>I am able to work safely and effectively without presenting danger to myself or others. I understand how to correctly operate equipment and able to identify tools.</p> <ul style="list-style-type: none"> • <i>Use basic techniques when fabricating</i> • <i>Consider the surrounding team members when performing group tasks</i> • <i>Explain how breaking systems on a car work and how they are serviced.</i> 	<p>Create a step by step process of what you group has done so far on your go cart and explain how you overcome problems</p> <p>:Key :</p> <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 10px; background-color: blue; margin-right: 5px;"></div> LPA <div style="width: 20px; height: 10px; background-color: yellow; margin-right: 5px; margin-left: 10px;"></div> MPA <div style="width: 20px; height: 10px; background-color: green; margin-left: 10px;"></div> HPA </div>

L2M/D



The fabrication exercises go towards part of your final grade. You will need to demonstrate that you are able to confidently and confidently use tools and work in a safe manor.

Demonstrate the correct working practices shown to you and complete work confidently and competently.