

## Term 6: Synoptic Test Preparation

<u>Unit 1</u>	RED	AMBER	GREEN	Do you need further support following DIRT?	Final rating		
					R	A	G
A. Synoptic Test Preparation							
Introduction to the practical skill soldering							
Demonstration of soldering and materials preparation for soldering.							
Perform basic joining techniques for wires and insulate them correctly.							
<b>DIRT 1: Understand where this can be used and why we use this method to join wires.</b>							
Begin the synoptic test demonstration (Dismantling a 4 stroke engine)							
Get the class in groups and get them to start to dismantle the engine in the correct way using the appropriate techniques.							
Continue dismantling the engines ensuring not to lose any pieces							
<b>DIRT 2: Understand the importance of checking the</b>							
Continue dismantling the engines ensuring not to lose any pieces							
Reassemble the engine to original specification using the correct tools							
Conclude the engine work and start the write up on how to dismantle and reassemble the engine.							
<b>DIRT 3: why is it important to have tools checked and calibrated?</b>							
Continue the write up for the synoptic test							
Continue the write up for the synoptic test							
Continue the write up for the synoptic test							
Finish the write up for the synoptic test.							
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"> <li>• <i>Use basic techniques when working on vehicles</i></li> <li>• <i>Consider the surrounding team members when performing group tasks</i></li> <li>• <i>Explain how to check for faults in the engine and how to check the timing on the engine.</i></li> </ul>	<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> <p>LPA <span style="background-color: #4F81BD; color: white; padding: 2px;"> </span></p> <p>MPA <span style="background-color: #FFD700; color: black; padding: 2px;"> </span></p> <p>HPA <span style="background-color: #008000; color: white; padding: 2px;"> </span></p>

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.