



## Garokan High School

### 5Y Elective Assessment Schedule 2024

#### *Metal Attack Design and Technology*

Task number	Task 1	Task 2	Task 3		
<b>Name of Task</b>	A Place for Everything	Machining	Design Project		
<b>Task Due</b>	Term 1, Week 10	Term 2, Week 10	Term 3, Week 9		
<b>Outcomes assessed</b>	DT5-1, DT5-4, DT5-9	DT5-5, DT5-10	DT5-2, DT5-6, DT5-7		
<b>Components</b>					<b>Task Weighting %</b>
Knowledge	5	15	15		<b>35</b>
Understanding	5	5	15		<b>25</b>
Skills	10	15	15		<b>40</b>
<b>Total %</b>	<b>20</b>	<b>35</b>	<b>45</b>		<b>100</b>

## **Course Outcomes:**

DT5-1 analyses and applies a range of design concepts and processes

DT5-2 applies and justifies an appropriate process of design when developing design ideas and solutions

DT5-3 evaluates and explains the impact of past, current and emerging technologies on the individual, society and environments

DT5-4 analyses the work and responsibilities of designers and the factors affecting their work

DT5-5 evaluates designed solutions that consider preferred futures, the principles of appropriate technology, and ethical and responsible design

DT5-6 develops and evaluates creative, innovative and enterprising design ideas and solutions

DT5-7 uses appropriate techniques when communicating design ideas and solutions to a range of audiences

DT5-8 selects and applies management strategies when developing design solutions

DT5-9 applies risk management practices and works safely in developing quality design solutions

DT5-10 selects and uses a range of technologies competently in the development and management of quality design solutions