

Student Name(s) _____	LOCATION _____	Project ID _____
-----------------------	----------------	------------------

<b>Production (one point each)</b>
------------------------------------

Abstract 1	Written Report 1	Literature Review 1	Journal 1	References 1
------------	------------------	---------------------	-----------	--------------

<b>Production Total _____ (max 5 points)</b>
--

<b>Creativity and Innovation</b>
----------------------------------

<b>Project Idea</b>	Circle one	<b>Equipment and Technology</b>	Circle One	<b>Display and Aesthetics</b>	Circle one
Original idea, innovative approach	<b>5 or 4</b>	Creative and relevant use	<b>5 or 4</b>	Excellent with creative use of images and diagrams	<b>5 or 4</b>
Existing idea, innovative approach	<b>3 or 2</b>	Appropriate use	<b>3 or 2</b>	Good with use of images and diagrams	<b>3 or 2</b>
Existing idea and approach	<b>1 or 0</b>	Minimal or no use	<b>1 or 0</b>	Average with minimal use of images and diagrams	<b>1 or 0</b>

<b>Creativity and Innovation Total _____ (Max 15 points)</b>
--

<b>Scientific or Engineering Process</b>
--

<b>Approach</b>		<b>Process and Variables</b>	
<i>Question, hypothesis, method, results, conclusion or engineering problem, methodology and solution</i>		<i>Variables and controls are appropriate or designs, builds, tests and retests</i>	
	Circle One		Circle One
Clearly states all	<b>5 or 4</b>	Defines and uses all, tests and retests	<b>5 or 4</b>
States most	<b>3 or 2</b>	Defines most, tests	<b>3 or 2</b>
States few	<b>1 or 0</b>	Little or none, no testing	<b>1 or 0</b>
<b>Data Limits and Error</b>		<b>Knowledge</b>	
<i>Data collected is appropriate to support hypothesis and sources of error and limits are stated</i>		<i>Understanding of topic area or engineering fundamentals and acquisition of scientific skills</i>	
	Circle One		Circle One
Data fully supports objective and all limits identified	<b>5 or 4</b>	Comprehensive	<b>5 or 4</b>
Objective moderately supported and some limits noted	<b>3 or 2</b>	Moderate	<b>3 or 2</b>
Objective weakly supported and no limits identified	<b>1 or 0</b>	Minimal or no	<b>1 or 0</b>

<b>Scientific or Engineering Process Total _____ (Max 20 points)</b>
--

<b>Clarity and Oral Presentation</b>
--------------------------------------

<b>Writing Skills</b>		<b>Presentation</b>	
<i>Grammar and spelling</i>		<i>Oral presentation and understanding of their research</i>	
	Circle one		Circle one
One or two errors	<b>5 or 4</b>	Superior presentation and understanding	<b>5 or 4</b>
Some errors	<b>3 or 2</b>	Good presentation and understanding	<b>3 or 2</b>
Many errors	<b>1 or 0</b>	Weak presentation and some understanding	<b>1 or 0</b>

<b>Clarity and Oral Presentation Total _____ (Max 10 points)</b>
--

	<b>Project Total _____ (Max 50 points)</b>	
--	--	--