

Marking rubric: Portfolio (Due term 1 Week 10)

Grade		A	B	C	D	E	0	Total
Grade descriptions		Has achieved a very high level of competence in the processes and skills and can apply these skills to new situations. EXTENSIVE	A high level of competence in the processes and skills. In addition, the student is able to apply these skills to most situations. THOROUGH	An adequate level of competence in the processes and skills. SOUND	A limited level of competence in the processes and skills. BASIC	Very limited competence in some of the processes and skills. LIMITED	Not attempted/ Copied and pasted	
Title	Investigation and Model/Diorama/invention	3 Sophisticated title given and scientific terms used		2 Appropriate title given and a scientific term used		1 Simple title used	0	WS 4
Abstract	Investigation and Model/Diorama/invention	5 Sophisticated (one succinct paragraph, 3 statements supported by research. Mostly correct spelling, grammar and punctuation), overview of the project extensive use of scientific terminology.	4 Well constructed (one paragraph, occasional spelling, grammar and punctuation mistakes) overview of project included with good use of scientific terminology.	3 Some details (2-3 sentences, obvious mistakes on spelling, grammar and punctuation) about project included with a some use of scientific terminology.	2 Brief outline of project. Many spelling, grammatical and punctuation mistakes. No use of scientific terminology.	1 Minimal relevant provided about project	0	
Purpose OR	Investigation Aim	3 Correct aim used, starts with "To", correctly links IV and DV together and scientific terms used		2 Correct aim used and a scientific term used. No link between IV and DV		1 Simple aim used	0	
	Model/Diorama/invention Purpose	3 Correct purpose of the model/invention. Scientific terms used		2 Appropriate purpose of model/invention. Minimal scientific terms used		1 Simple purpose	0	
Expectation OR	Investigation Hypothesis	3 Correct hypothesis used, correctly links IV and DV together and scientific terms used. "If... then... "statement used		2 Appropriate hypothesis used, links IV and DV together (may not be correct) and a scientific term used		1 Expectation given, not correct format	0	
	Model/Diorama/invention Intention	3 Intention is highly detailed including a chosen audience. concept/s aiming to be conveyed are clear and concise. Scientific language is sophisticated.		2 Intention is clear, including audience chosen audience. Concepts aiming to be conveyed are		1 Intention given lacks detail (vague)	0	/17
Materials used OR	Investigation Equipment list	5 Meticulous list given, all equipment needed is listed with correct quantities	4 Comprehensive list given (1-2 items missing), equipment needed is listed, correct quantities given	3 Most of equipment needed (3-4 missing), no quantities given	2 Most of the equipment needed is listed (missing more than 5), no quantities given	1 Minimal equipment is listed	0	WS 5
	Model/Diorama/invention Background research	5 Minimum of two paragraphs including a succinct history on the development of the concept and a justification on why the concept was chosen. Scientific language is extensive and used correctly	4 Minimum of two paragraphs. Including some information on the history of the concept and explanation of why the concept was chosen. Some scientific language is correct and used.	3 One paragraph of general information relating to the concept and reasons why the concept was chosen. An attempt at using scientific terms	2 2-3 sentences of background information related to the concept	1	0	

Risk assessment	Investigation and Model/Diorama/invention	5 All dangers (hazards/risks) identified (minimum 3) and describes how to reduce these dangers. Very detailed	4 Most dangers (hazards/risks) identified (minimum 3) and describes how to reduce these dangers. Some detail.	3 Most dangers (hazards/risks) identified (minimum 2) and attempts to link to how to reduce the danger	2 Some dangers (hazards/risks) identified and attempts to link to how to reduce the danger	1 Some dangers (hazards/risks) identified No reduction for dangers given	0	
Progress journal	Investigation and Model/Diorama/invention	5 6 or more dates included, extremely detailed and specific	4 5 dates included, extremely detailed and specific	3 4 dates included, some detail	2 3 dates included, extremely detailed and specific	1 Less than 3 dates included minimal detail	0	
Procedural writing OR	Investigation Method	10-9 Clear and logical method in third person. Need to be in correct order, detailed and in numbered steps. Include how the dependent variable will be measured, along with any other variables are controlled. Include how many times the experiment will be repeated. Scientific terms used and at an extensive level. No use of "I" or "we". (past tense)	8-7 Clear and logical method in third person. Need to be in correct order, numbered steps. Include how the dependent variable will be measured, along with any other variables. Links to repetition. Some scientific terms used and at a thorough level. No use of "I" or "we". (past tense)	6-5 Logical method in third person. Need to be in correct order, numbered steps. Includes a link to the dependent variable, Links to repetition. Some scientific terms used and at a sound level. Use of "I" or "we" only once (past tense)	4-3 Method attempted. In numbered steps. Link to a variable. Minimal scientific terms used and at a basic level.	2-1 Method attempted. In numbered steps. Minimal scientific terms used and at a elementary level.	0	
	Model/Diorama/invention Design	10-9 Logical format (in correct sequence) Design information is comprehensive and can be easily replicated exactly. All quantities are evident. Detailed and labelled diagrams included. Sophisticated use of Scientific language and written in 3 rd person	8-7 Logical format (mostly in correct sequence) Design information is clear and can be almost replicated exactly. Quantities given (not all) Includes a labelled diagram. Thorough use of scientific language used and written in 3 rd person	6-5 Logical format but has minor mistakes. Some parts can be replicated. Some quantities missing. Attempt at using scientific terms. 3 rd person used	4-3 Design details attempted and are illogical. Simple diagram given. Not written in 3 rd person. Minimal use of scientific terms.	2-1 Lists unclear design details. Some information is irrelevant. Methodology cannot be replicated	0	/20
Total								/37

Feedback

1. _____
2. _____
3. _____