



Year 9 Science First Hand Investigation

TOPIC: Physical World - Energy	MARKS: / 30
SUBMISSION REQUIREMENTS: To be completed in class during Week 8.	
OUTCOMES TO BE ASSESSED: SC5 -4WS: develops questions or hypotheses to be investigated scientifically SC5 -5WS: produces a plan to investigate identified questions, hypotheses or problems, individually and collaboratively SC5 -6WS: undertakes first-hand investigations to collect valid and reliable data and information, individually and collaboratively SC5 -11PW: explains how scientific understanding about energy conservation, transfers and transformations is applied in systems	
DIRECTIONAL VERBS: Develop: To create and cause to be more elaborate. Explain: Relate cause and effect; make the relationships between things evident; provide why and/or how. Investigate: Carry out a systematic or formal inquiry to discover and examine the facts of a problem to make conclusions based on evidence. Produces: To make or manufacture from components	
TASK DESCRIPTION: Students are to complete each section of the examination paper for the duration of the period. Part A: 10 Multiple choice questions Part B: Experimental analysis Part C: First-Hand Investigation Planning	
ASSESSMENT CRITERIA: Students will be provided with detailed assessment feedback within 3 weeks after the submission of the task.	