



The Government of the Republic of Trinidad and Tobago
MINISTRY OF EDUCATION

Scoring Rubric

Category	Criteria	Score	Total
Machine/Device Design	<ul style="list-style-type: none"> Functionality 	5	50
	<ul style="list-style-type: none"> Simplicity 	5	
	<ul style="list-style-type: none"> Safety 	5	
	<ul style="list-style-type: none"> Reliability 	5	
	<ul style="list-style-type: none"> Creativity 	5	
	<ul style="list-style-type: none"> Cost-Effective 	5	
	<ul style="list-style-type: none"> Presentation/ Aesthetics 	5	
	<ul style="list-style-type: none"> Demonstration and explanation of scientific principles 	10	
	<ul style="list-style-type: none"> Efficiency (capacity to reduce large amounts of waste at a time compared to small amounts) 	5	
Waste material	<ul style="list-style-type: none"> Reduction in physical size 	5	20
	<ul style="list-style-type: none"> Reduction of volume 	5	
	<ul style="list-style-type: none"> Reduction in the overall amount of waste material 	10	
Portfolio: Write-up and graphics	<ul style="list-style-type: none"> Purpose 	5	30
	<ul style="list-style-type: none"> Drawing/sketches of the design 	5	
	<ul style="list-style-type: none"> Materials used 	5	
	<ul style="list-style-type: none"> Evidence of sequential testing for appropriate modifications leading to the final product. 	5	
	<ul style="list-style-type: none"> Recommendations for improvement of the final product 500 words (not inclusive of captions of sketches/ drawings/ headings)	10	
Total			100