

<b>Bottle Rocket Rubric Part 2</b>								
<b>Design Criterion B: Developing Ideas</b>	iv. develop accurate planning drawing/diagram and outline requirements for the creation of the chosen solution	DESIGN Criterion B made simple	<b>Design Criterion C: Creating A Solution</b>	ii. demonstrate excellent technical skills when making the solution iii. follow the plan to create the solution, which functions as intended, explain the changes made to the chosen design and plan when making the solution	DESIGN Criterion C made simple	<b>Design Criterion D: Evaluating</b>	i. describe detailed and relevant testing methods, which generate data, to measure the success of the	DESIGN Criterion D made simple
		iv. Develop a drawing of your rocket with labels and measurements.			ii. Your rocket has a nosecone, fins, and weight mechanism. iii. Your rocket flies upward in a normal manner.			i. What was the method that we tested our designs? Include the data and triangulations.
<b>0</b>	Doesn't meet any of the criteria below		<b>0</b>	Doesn't meet any of the criteria below		<b>0</b>	Doesn't meet any of the criteria below	
<b>1-2</b>	iv. creates an incomplete planning drawing/diagram	iv. Creates an incomplete planning drawing/diagram	<b>1-2</b>	ii. demonstrates minimal technical skill when making the solution iii. creates the solution, which functions poorly and is presented in incomplete form	ii. Rocket is missing major pieces iii. Rocket fails to launch or rips apart on launch pad	<b>1-2</b>	i. describes a testing method, which is used to measure the success of the solution	i. Provides incomplete explanation
<b>3-4</b>	iv. creates planning drawings/diagrams or lists requirements for the chosen solution	iv. Creates complete diagram lacking either labels, measurements, or notes.	<b>3-4</b>	ii. demonstrates satisfactory technical skills when making the solution iii. creates the solution, which partially functions and is adequately presented	ii. Rocket is missing one major piece and demonstrates poor craftsmanship iii. Rocket flies upwards 10 meters or rips apart during launch	<b>3-4</b>	i. describes a relevant testing method, which generates data, to measure the success of the solution	i. Provides vague explanation of testing method or is missing key components like data and triangulations
<b>5-6</b>	iv. develops accurate planning drawings/diagrams and lists requirements for the creation of the chosen solution	iv. Creates complete diagram with labels, measurements, and notes.	<b>5-6</b>	ii. demonstrates competent technical skills when making the solution iii. creates the solution, which functions as intended and is presented appropriately	ii. Rocket contains all major pieces and demonstrates adequate craftsmanship iii. Rocket flies upwards 20 meters	<b>5-6</b>	i. describes relevant testing methods, which generate data, to measure the success of the solution	i. Provides completed explanation of testing, including data and triangulations
<b>7-8</b>	iv. develops accurate planning drawings/diagrams and outlines requirements for the creation of the chosen solution	iv. Creates detailed drawing with labels, measurements and notes, including multiple views.	<b>7-8</b>	ii. demonstrates excellent technical skills when making the solution iii. follows the plan to create the solution, which functions as intended and is presented appropriately	ii. Rocket contains all major pieces and demonstrates excellent craftsmanship by including one additional design feature iii. Rocket exceeds 30 meters	<b>7-8</b>	i. describes detailed and relevant testing methods, which generate accurate data, to measure the success of the solution	i. Provides completed explanation of testing, including data and triangulations with the addition of real-life practices using the same methods
<b>OVERALL SCORE</b>	<b>Criterion B:</b>		<b>OVERALL SCORE</b>	<b>Criterion C:</b>		<b>OVERALL SCORE</b>	<b>Criterion D:</b>	