

PERFORMANCE TASK ASSESSMENT LIST

Invention

Element	Assessment Points	
	Points Possible	Earned Assessment
		Self
1. The problem or need for which the invention is a solution is clearly stated.	_____	_____
2. A design for the invention shows its dimensions and parts. Metric measurement is used whenever possible.	_____	_____
3. An explanation of the design describes how the parts function and what materials will be used to make the invention.	_____	_____
4. The invention works to perform its intended function very well.	_____	_____
5. The invention is durable and functions reliably.	_____	_____
6. The invention is safe.	_____	_____
7. The invention gets a high green rating for its friendliness to the environment.	_____	_____
8. The invention is attractive and appealing to those who would use it.	_____	_____
9. The invention is original or is an improvement to a previous invention.	_____	_____
10. The written directions for the invention are clear and easy to follow.	_____	_____
Total	_____	_____

RUBRIC

Invention

	Rating
The student's invention is remarkably creative and clearly solves a problem or meets the need for which it is intended. The plan for the invention is of high technical quality. The invention works extremely well and is attractive, safe, sturdy, and reliable. It is made and used with great respect for the environment. The set of directions written for the invention is extremely clear and easy to follow.	
The student clearly describes the problem or need for which the invention provides a solution. The student makes a clear and neat plan that shows the dimensions and parts of the invention. Metric measurement is used. The plan also shows how the parts work and of what materials the invention is made. The actual invention is safe and works well and reliably to perform its intended function. It is made and used with respect for the environment. A set of complete and easy-to-follow directions accompany it.	
The student does not define the problem or need for which the invention provides a solution. The plan for the invention is incomplete. It does not show the dimensions accurately or completely. It does not clearly show the parts and/or how they work. The actual invention does not work well. The invention is not completely environmentally friendly. The set of instructions is missing, incomplete, or difficult to follow.	
The invention is a copy, does not work, or has not been completed. There are no instructions for the invention.	

Comments: