Project Title _____

Project ID # _____

Judge # _____

PA Media and Design Competition
3D Design Scoring Guidelines

_____ STL file available on a device for judges to interact with

_____ 3D printed object (at least 1 copy)

_____ Clearly displayed citation if using GradCAD or Thingiverse for engineering grade parts

_____ No materials other than 3D printed PLA and ABS are permitted in final product with the exception of adhesive materials to connect separate 3D printed material

_____ No paint, markers, nail polish, etc., or other post print material were used to change the final product.

_____ Narrative description with a complete description of the design process along with failed attempts

_____ Copyright information and credits are clearly displayed

_____ Planning documents are included that clarifies the process used to create the project

	4	3	2	1	Score
Content	Project presents information that is clear, effective and meets the objectives stated in the narrative.	Project presents information that is effective and meets most of the objectives stated in the narrative.	Project presents information satisfactorily but does not meet stated objectives.	Project presents information that is neither clear nor effective in meeting stated objectives.	
Conventions	Clear, concise and well written with no spelling or grammatical errors in the project or narrative.	A few spelling or grammatical errors occur in either the project or narrative but does not detract from the overall project.	Some spelling or grammatical errors occur and detract from the overall project.	Numerous spelling and grammatical errors.	
Creativity/ Originality	The project reflects an exceptional degree of student creativity/ originality.	The project reflects a limited degree of student creativity/ originality.	The project is based on the designs or ideas of others and does not demonstrate original ideas.	The project does not demonstrate any original thought or creativity.	
Meeting Criteria/ Constraints	The project worked and all the criteria and constraints were met.	All the criteria and constraints were met. The project could have worked.	Most criteria and constraints were met. The project could have worked.	Few criteria and constraints were met. The project could have worked.	
Turning Concept into a Functional Model	Effectively implements the design process to create a unified product which is a direct result of the initial chosen design.	Final working product was a direct result of the initial concept and thoughtful modifications.	Final product strayed from initial design or followed closely but did not work.	Final product is unrecognizable as original design.	

Comments:

_____ **Total:** _____

_____

_____

Developed by the PA Media and Design Competition Committee - 10/12/2018