Thingiverse Challenge Final Design Rubric

Name: _____

Final Design

Elements	20 Points	15 Points	10 Points	5 Points	0 Points
Title Block Information	The student's name, the part name, material type, drawing scale, date, and other required information are correctly identified in the title block.	Most of the required title block information is identified. One or two pieces of information may be in error.	Some of the required title block information is identified. One or two pieces of information may be in error.	The title block is present, but none of the required information has been identified.	Title block not present.
Orthographic Views	Views are properly selected, placed, and aligned. Only views necessary for communication are included. This includes section and auxiliary views.	Views are correctly placed and aligned. Some information might be missing or extra information is included that is not necessary.	Views are misplaced and unaligned. Major information is left out of the drawing.	Incomplete drawing was submitted.	Only one view shown.
Isometric View	The isometric view is placed properly, its orientation is in agreement with the front view, and it is appropriately sized.	The view has minor errors in placement, orientation, or size.	The view has several errors in placement, orientation, or size.	The view has many errors in placement, orientation, size.	View not present.
Dimensions	All major width, depth, height, and size dimensions are present and properly located. Not are repeated, overlapping, colored.	Most of the necessary width, depth, height, and size dimensions are present. There are minor errors in dimension locations. (1-5 issues)	Some of the necessary width, depth, height, and size dimensions are present. There are several errors in dimension locations. (6-10 issues)	Few of the necessary width, depth, height, and size dimensions are present. There are many errors in dimension locations. (11-15 issues)	Dimensions are missing or there are many issues present, more than 15.
Centerlines	All required centerlines are properly located and correctly sized.	Most of the required centerlines are properly located and correctly sized.	Some of the required centerlines are properly located and correctly sized.	Few of the required centerlines are properly located and correctly sized.	Centerlines are missing.
Creativity	Is new, unique, surprising, shows personal touchhow to	Has some new ideas or improvements, but some ideas are conventional	Relies on existing idea or models, not unique or new but still feasible	Relies on existing idea or models, not unique or new, not feasible	Exact copy of an existing part (s)
Complexity	All time was used efficiently in the design and creation phases.	Time was mostly used efficiently in the design and creation phases.	Some time was used efficiently in the design and creation phases.	A lot of time was wasted in the design and creation phases.	No parts.

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Design Presentation	0	1	2	3
Nonverbal Skills				
Eye Contact	Does not attempt to look at audience at all, reads notes the entire time	Only focuses attention to one particular part of the class, does not scan audience	Occasionally looks at someone or some groups during presentation	Constantly looks at someone or some groups at all times
Facial Expressions	Has either a deadpan expression of shows a conflicting expression during entire presentation	Occasionally displays both a deadpan and conflicting expression during presentation	Occasionally demonstrates either a deadpan OR conflicting expression during presentation	Gives audience clues to what the content of speech is about; Appropriate expression,
Gestures	No gestures are notices			Natural hand gestures are demonstrated
Posture	Sits during presentation or slumps		Occasionally slums during presentation	Stands up straight with both feet on the ground.
Vocal Skills				
Enthusiasm	Shows absolutely no interest in topic presented	Shows some negativity toward topic presented	Occasionally shows positive feelings about topic	Demonstrates a strong positive feeling about topic during entire presentation
Vocalized Pauses	10 or more are noticed	6-9 are noticed	1-5 are noticed	No vocalized pauses noticed
Content				
Topic Announced	Audience has no idea what the report is on		Vaguely tells audience what report is over	Clearly explains what the report is covering
Time Frame	Presentation is less than minimum time of 4 minutes.	Presentation is more than maximum time of 5 minutes		Presentation falls within required time frame, 4-5 min.
Completeness of Content	Three or more points left out	Majority of points glossed over or one is completely omitted	Majority of points covered in depth, some points glossed over	Thoroughly explains all points and animation included if applicable.
Professionalism of Presentations	Mumbles, audience has difficulty hearing, confusing	Thoughts don't flow, not clear, does not engage audience	Thoughts articulated clearly, though does not engage audience	Presentation is organized and the interest level of the audience is maintained

Name:

Grade: _____

Comments:

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