

3D design Challenge: Macy's Thanksgiving Day Parade

Scoring Rubric:

Criteria	Exceeds Expectations	Expectations Met	Fails to Meet Criteria and Constraints of project	Total Points awarded/Points Possible
Constraints of Project are met - as demonstrated in the Physical Properties screen image included in portfolio submission	Total Volume between 300,000-700,000 cubic feet (518,400,000 - 1,209,600,000 cubic inches) Material: Polyurethane - with a density of 0.08g/cm ³ Weight ≤ 3500 lbs	2 of the 3 constraints met	Constraints do not appear to be considered in the design	
Model	Fusion Model is almost exactly like the balloon image. Few flaws, color is used to enhance design model.	Fusion model resembles balloon. There are flaws in the fluidity of the design that make the balloon appear boxy rather than smooth; color may not have been incorporated appropriately	Balloon does not resemble original intent; no color applied	