



Design Challenge

HALLOWEEN

yard decoration



DUE Nov 3
11:59PM

Design and Construct a spooky Halloween Decoration for the front yard. Judging is based on creativity, professional appearance, and scare factor. Submissions Due Nov. 3. at 11:59pm to tsachall@tcnj.edu See rubric and description below

Design Brief

Compete against other NJTSA members this October and be recognized! We introduce you to the NJTSA October Design Challenge.

The challenge is to build the spookiest front-yard decoration for Halloween. The decoration should be recognizable from 12 feet away (standard driveway). Judging is based on creativity, polished appearance, and scare-factor. Extra points are awarded to those submissions which illuminate, produce a sound, or perform a motorized task. Refer to the rubric attached for specific requirements and penalties. You may reveal your product in the form of a video (.mov) or a series of pictures (front, side, and back). Additionally, please submit a written description of the design process, materials used, and any troubles you may have overcome along the way (a paragraph) in the format of a pdf. When you submit, you store both items in a folder entitled “First/Last name - Name of school - Halloween Challenge” upon submission.

Submit entries to tsachall@tcnj.edu.

Have fun! We are excited to see your elaborate designs!

Halloween Yard Decoration Design Challenge

1

Categories	1-3 (Bare minimum)	4-7 (Generic)	8-10 (Outstanding)
Creativity	☐ The design lacks originality and exhibits few, if any, creative and/or innovative applications	☐ Some unique, innovative, and creative concepts are incorporated in the overall design ☐ There is some evidence that aesthetics and curb appeal have been considered in the design. ☐ Contains some degree of visual, audible and/or tactile appeal	☐ Unique, creative, and innovative approaches are fully incorporated into the design ☐ There is clear evidence that aesthetics and curb appeal are fully and effectively integrated into the design. ☐ Contains a visual, audible and tactile appeal (ex. movement & audio)
Aesthetics and Artisanship	☐ There is little evidence of consideration of aesthetics and curbs appeal in the design. ☐ Contains limited traces of visual, audible, and/or tactile appeal	☐ Construction is somewhat neat and has appropriate quality and appearance. ☐ Construction is partially self supported	☐ Construction is of excellent quality and exemplary appearance. ☐ Construction is self supported
Quality/Marketability	☐ Construction is of poor quality and appearance, with little or no attention to neatness. ☐ Construction is not self-supported	☐ Paragraph is satisfactory and includes most components needed to illustrate the process. ☐ Paragraph includes most components needed to comprehend the design ☐	☐ Paragraph is well-written and includes all components needed to illustrate the process. ☐ Paragraph contains a short but comprehensive explanation for understanding the design
Paragraph explaining design process, (Materials, Construction, Troubleshooting), as well as the design itself	☐ There is missing information needed to comprehend the design process and construction methodology. ☐ There is missing information needed to comprehend the design	☐ The model is somewhat effective in depicting the requirements of the design challenge.	☐ The model clearly and effectively incorporates and depicts all aspects of the design challenge
Spooky Factor	☐ The model is ineffective in depicting the requirements of the design challenge.		

Halloween Yard Decoration Design Challenge

Penalties	0	-10
Poses direct threats Poses fire hazard Utilized firearms Incorporates sharp knives	☐ There are no firearms, sharp knives, dangerous weaponry, and threats in/ part of the product.	☐ The final product incorporates a threat, firearm, or poses fire hazards. ☐
Poses an active threat (no mention of proper nouns or confidential information)	☐ The prop does not make alarming threats to any specific person or place and it is entirely interpreted as fictitious. ☐ threat.	☐ The prop makes mention of a specific person, places, or things and can be misconstrued as a feasible
Makes discriminatory remarks	☐ The final product does not make offensive remarks toward any group of people	☐ The final product targets a specific groups of people

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