

EVENT 6: SPAGHETTI GUMDROP TOWER

OBJECTIVE: Design and build the tallest freestanding tower using only spaghetti and gumdrops.

RULES:

- a. Each team will be given a 1 lb box of San Giorgio, Ronzoni or a similar brand of spaghetti # 8 and one 11 oz bags (approx 160 drops) of Rayge's Spice Drops (purchased at ShopRite) or a similar brand.
- b. The box of spaghetti provided to each team will be unopened; however, some of the spaghetti strands may be broken. **No** replacement strands will be provided.
- c. The spaghetti and gumdrops may be cut.
- d. All tools, including cutting tools, forms, presses, and cutting surfaces must be brought by the entrants.
- e. The final tower must be constructed only of spaghetti and gumdrops: **NO** pins, staples, glue, foam, water, or chemicals are allowed to stay on the tower.

COMPETITION AND SCORING:

- a. The tower must be completed 20 minutes after the supplies are given to the team.
- b. The tower must be self-supporting and stand for a minimum of 10 seconds.
- c. The judge will measure the height of the tower as the straight-line distance from the base of the tower to the tallest point on the tower.

$$\text{SCORE} = \frac{(\text{Your height in cm})}{(\text{Highest height in cm})} \times 100$$

- Updates to the rules will be posted on the NJAAPT web site at www.njaapt.org.
- Frequently asked questions with answer will be available by e-mailing John_Valente@mast.mcvsd.org.
- It is your team's responsibility to remain updated about changes and clarifications to the rules.