

## Millennium Toy

This is a verbal/hands (hybrid)-on challenge, you will have one minute to decide who will participate in the solution of the challenge. It is the decision of the team how many team members will participate. Your one-minute begins now.

**Challenge:** You must construct a toy that will entertain a 5-year old.

**Scene:** You are one of the children of the owner of a large toy manufacturer and your father has told you that he wants to be the producer of the "toy of the year" next year. Whichever one of you designs the most original, creative toy that will appeal to 5-year olds and their parents will inherit the business.

**Materials:**

- 10 spaghetti
- 10 "ziti" (pasta)
- 6 straws
- 2 rubber bands
- 2 sheets notebook paper
- a 12" piece of string
- 5 paper clips
- 3 cotton balls
- 1 12" piece of wax paper
- 2 sheets construction paper (8.5 x 11)
- 5 index cards
- 1 paper cup
- 1 paper plate
- 8 mailing labels
- 12" piece of aluminum foil

**Directions:** You will have 5 minutes to design and construct the toy and three minutes to demonstrate and "sell" it to the judges.

**Scoring:** 20 points for the originality of the toy 20 points for the creativity of the use of materials 5 points for each of the types of materials used in the toy 20 point for the "sell" 20 points for teamwork 20 points of the demonstration of the toy