



# FUN FRIDAY 5/22

THEME: STRATEGY

WHO CAN BUILD THE TALLEST NEWSPAPER TOWER, MARSHMALLOW TOWER, OR LEGO TOWER?



PLEASE FOLLOW THE DIRECTION SHEET TO PARTICIPATE.

## **Fun Friday TOWER BUILDING Directions:**

Choose a tower you want to build. You can participate in more than one building challenge. Work together as a family, and have fun!

### **Marshmallow Tower**

**Build the Tallest Freestanding Structure:** The winning team is the one that has the tallest structure measured from the tabletop surface to the top of the tower. It must be built on a table.

- Materials: One bag of mini marshmallows, one 250 count box of toothpicks and a ruler.
- An Entire Marshmallow Must Be On Top: An entire marshmallow needs to be on the top of the structure. No cutting or eating part of the top marshmallow.
- Use as Much or as Little of the Materials: Team can use as many or as few of the 250 toothpicks or marshmallows. The team cannot use the plastic bag or box as part of its structure.
- Break up the Toothpicks or Marshmallows: Teams are free to break the toothpicks and marshmallows (except the top marshmallow)..
- The Challenge Lasts One Hour: Teams cannot hold on to the structure when the time runs out. It must be freestanding. Those seen touching or supporting the structure in the picture will be disqualified. Please be honest, and only spend one hour building.

### **Newspaper Tower**

**Build the Tallest Freestanding Structure:** The winning team is the one that has the tallest structure measured from the tabletop surface to the top of the tower. It must be built on a table.

- Materials: You can only use 20 full sheets of newspaper, scissors, and a ruler.
- Use as Much or as Little of the Materials: You can use as many or as few of the 20 sheets of newspaper.
- Be Creative: You may bend, fold, or tear the newspaper, but you cannot use tape, staples, glue, or other materials.
- The Challenge Lasts One Hour: Teams cannot hold on to the structure when the time runs out. It must be freestanding. Those seen touching or supporting the structure in the picture will be disqualified. Please be honest, and only spend one hour building.

### **Lego Tower**

**Build the Tallest Freestanding Structure:** The winning team is the one that has the tallest structure measured from the tabletop surface to the top of the tower. It must be built on a table..

- Materials: You can only use 100 Legos and a ruler.
- Use as Much or as Little of the Materials: Team can use as many or as few of the 100 Legos.
- The Challenge Lasts One Hour: Teams cannot hold on to the structure when the time runs out. It must be freestanding. Those seen touching or supporting the structure in the picture will be disqualified. Please be honest, and only spend one hour building.

## **Rules**

1. Take note of the amount of materials you can use.
  - Legos - 100 Legos
  - Newspaper - 20 sheets of newspaper
  - Marshmallows/toothpicks- one bag of marshmallows and 250 toothpicks
2. You will have one hour to build your tower. Please be honest about the time.
3. You must provide a picture of your FREESTANDING tower.
4. You must provide the height of your tower in inches. If you have a tape measure, please show the measurement in the photo. If not, please provide the height in inches in your email.

5. Please email your pictures to [slaman@dtsk8nj.org](mailto:slaman@dtsk8nj.org) to be entered in the competition. Please include your child's (or children's) name, grade, and the height in inches of your tower. **Entries must be received by Sunday, 5/24 at 8pm.** Any entries received after that time will not be entered in the contest.
6. We're encouraging families to also send pictures to [jperone@dtsk8nj.org](mailto:jperone@dtsk8nj.org) to be featured on the school website.
7. If you're a middle school student, and want to participate, please ask a parent to submit your photo.

*(This spirit week was planned by Jacob and Alex in the 8th grade InvestiGATE class.)*