



## **Franklin Science and Technology Fair –**

**SATURDAY CHALLENGE** for students will be held on **Saturday, April 7, 2018** at **Waynesboro Area Middle School**, at the times shown below. Sign up for the contest at [www.franklinscience.org](http://www.franklinscience.org)

**Object of the Contest:** TOWER OF POWER : Construct the tallest tower using materials provided.

**Materials:** All building materials will be provided by the council as follows:

- paper bag
- 3 index cards
- 2 pieces of paper
- 2 large paper clips
- 3 small paper clips
- a straw
- 1 rubber band
- a small plastic drink lid
- a ruler
- a paintbrush

### **Contest Rules:**

- Each student will be given 20 minutes to make a paper tower.
- Students must independently build their tower. Parents may give verbal guidance only.
- All towers must be created at the time of the contest. Students may plan and practice at home.
- The top three towers by height will win a prize.
- In the event of a tie score, two prizes will be awarded at that level.

### **Paper Construction Websites:**

- <https://sciencing.com/make-out-one-piece-paper-6284616.html>
- <https://www.youtube.com/watch?v=tuEBEKOProY>

### **Contest Times and Categories:**

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| <b>Primary 1</b><br><b>12:15-1:00 p.m.</b>     | <b>Junior/Senior</b><br><b>2:15 -2:45 p.m.</b> |
| <b>Intermediate</b><br><b>1:15 – 2:00 p.m.</b> |  |

Please arrive 15 minutes prior to your division starting time. Ending times may vary depending on the number of participants.

**Contest Prizes:** 1<sup>st</sup>-place winners in each division will be awarded a certificate and \$25.00.  
2<sup>nd</sup>-place winners in each division will be awarded a certificate and \$15.00.  
3<sup>rd</sup>-place winners in each division will be awarded a certificate and \$10.00.

Certificates and cash awards will be presented at the awards ceremonies directly following the contest at 4:00 p.m. in the Waynesboro Area Middle School Auditorium.