
OFFICIAL RULES FOR THE 2016 TULSA ENGINEERING CHALLENGE

WACKY WONDER WORKS COMPETITION

FOREWORD

This contest is limited to two (2) team entries per division per school. Each school planning to attend the Tulsa Engineering Challenge (TECh) MUST complete the TECh Registration process.

Additionally, schools participating in the Wacky Wonder Works Contest **must** complete the Project Description Form and present it to the judges at the Wacky Wonder Works competition station.

Prizes will be awarded to entries from registered schools only (entries from unregistered schools will NOT be eligible for awards).

NOTE: Only Registered Entries accompanied by a Project Description Form will be permitted to compete. This form is located at the back of these rules.

DESIGN STATEMENT & OBJECTIVE

Design and build the most complicated device to achieve a simple objective, which is: completely unzip a six inch long zipper, or unzip a longer zipper by at least six inches.

EXAMPLE:

We provide this example solely to give students an idea of the type of project we anticipate. A steel ball rolls down a channel then trips a lever, which activates another action, etc., and on and on until the final action would achieve the objective.

MATERIALS

All materials are to be provided by the contestants. However, the following items are NOT permitted: liquids, compressed gasses (including balloons), caustic substances, flames, aerosol sprays, live animals, commercially powered AC devices, or any materials that could be construed as unsafe to humans or damaging to the contest area. Materials utilized may not leave any residue on the table or surrounding area.

RULES

Prior to competition, create a mechanical device (designed and assembled entirely by students) that will achieve the objective. Electrical applications are allowed; however, only dry cell

the rules must be made while the challenged project is still setup and in the competition area. Do not disassemble the project until instructed to do so by the judges.

Disqualification

In the event that a project does not reach the stated goal, is in violation of the rules, or is successfully challenged by another team, the project will be disqualified and not scored. Every effort will be made to make the disqualification notification before the project is disassembled; however, this may not always be possible. The judges reserve the right to disqualify a project after review. If a project is disqualified, it will not be scored. Decision of the judges, during all phases of the competition, is FINAL.

GENERAL

The contest is limited to TWO (2) entries per division per school. The entry may be an individual or team project of two to four students.

Registration will be done via the TECh web page which can be accessed through www.tulsaengineer.org. Questions? E-mail: tulsatechchallenge@gmail.com

PRIZES

Prizes will be awarded for three divisions as follows: Upper Division (9th thru 12th), Middle Division (7th thru 8th), and Lower Division (6th grade and under). In the event of a tie, prizes will be equally distributed between winning entries.

First Place:	\$100 cash and \$25 cash for their classroom.
Second Place:	\$75 cash and \$25 cash for their classroom.
Third Place:	\$50 cash and \$25 cash for their classroom.

Any cash prizes will be awarded by a bank check and issued to the teacher/school listed on the registration to be cashed and distributed to the winning student(s). We will mail a check to the address listed on the registration within a few weeks of the competition. If you do not receive your prize or certificates within a few weeks, please email info@tulsaengineer.org with your team name, school, and competition won.

2016 TULSA ENGINEERING CHALLENGE

PROJECT DESCRIPTION FORM

WACKY WONDER WORKS COMPETITION

PLEASE TYPE OR PRINT CLEARLY AND LEGIBLY

Name of School:_____

School Address, City, Zip:_____

Sponsoring Teacher:_____

Telephone: School (____) _____

Teacher (____) _____

Teacher E-mail Address:_____

Designated Classroom:_____

Names of students who will operate the project:

(1)_____ (2)_____

We hereby certify that the Wacky Wonder Works Project was designed and built **ONLY** by students from the school listed above

Signature of Student #1 Above

Signature of Student #2 Above

Activity Description in Order of Actions (Print or Type):

(1)_____

(2)_____

(3)_____

(4)_____

(5)_____

(6)_____

(7)_____

2016 TULSA ENGINEERING CHALLENGE

PROJECT DESCRIPTION FORM

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(If needed, attach additional pages, numbered per the above format)