OFFICIAL RULES FOR THE
2020 TULSA ENGINEERING CHALLENGE

Theme – Engineers: Pioneers of Change

Digital Poster Design Competition

FOREWORD
Each team planning to attend the Tulsa Engineering Challenge (TECh) MUST complete the TECh Pre-Registration process. No Walk ups will be allowed.

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

DESIGN STATEMENT AND OBJECTIVE

Design a poster, digitally, that promotes the theme Engineers: Pioneers of Change. Engineers – like all pioneers – use their knowledge, creativity, and sense of adventure to cross frontiers. Engineers have led us into space and deep below the ocean's surface. They have connected millions of people through advances in communications and transportation. We support the people who make progress now and in the future. Help us inspire future pioneers. Help a child discover the work of engineering.

Consider these Design Principles: Balance, Hierarchy, Pattern, Rhythm, Space, Proportion, Emphasis, Movement, Contrast and Unity. Use drawings, painting, illustrations, photographs, typography, letters, colors, shapes, lines and more in your design.

The key is to communicate the theme, “Engineers; Pioneers of Change”, in a unique, creative way using the above design principals and elements.

Use a digital editing program to create your final poster design, such as Adobe Photoshop, Adobe Illustrator, Adobe InDesign, Windows Paint, Sketch, or any other photo / graphics editing computer program.

CRITERIA

The poster should be designed at no more that 11 inches x 17 inches.

The digital file should be saved as a JPEG, EPS, or PDF. This file should be emailed with a completed Registration Form to tulsatechmod@gmail.com. The deadline to submit a poster and form is Thursday, February 27, 2020. Late entries will NOT be accepted for scoring.

A printout of the poster must be submitted to the judges the morning of the Tulsa Engineering Challenge, Friday, March 6 to complete the entry. The poster should be printed on photo paper
or poster paper and should not be greater than 11” x 17” and not smaller that 8.5” x 11”. The winning entry will become the permanent property of the Tulsa Engineering Challenge. All digital poster files will become the property of the Tulsa Engineering Challenge and may be used in future promotions.

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**ELIGIBILITY**

Each team planning to attend the Tulsa Engineering Challenge (TECh) must complete the TECh Poster Design registration form.

The contest is limited to four entries per division per school. An entry may be an individual or a team of two to four students.

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**PROCEDURE, JUDGING & SCORING**

Judging of the posters will be based on a scale of 1-100 (100 being the best possible score). There will be 5 separate areas to score in: Design Principles, Theme, Creativity, Guidelines, and Presentation.

**20 points – Design Principles**
- How well are the design principles expressed in the poster design?
- Are several of the following expressed in the poster: Balance, Hierarchy, Pattern, Rhythm, Space, Proportion, Emphasis, Movement, Contrast and Unity?

**20 points – Theme**
- How well does the poster capture the theme of “Engineers: Pioneers of Change”?
- What is the student using to represent this theme?

**20 points – Creativity**
- How is the poster creative?
- Is it unique?
- Is it something one has never seen?
- Does it copy another’s design?

**20 points – Guidelines**
- How well did the student follow the criteria / guidelines in the poster design?
- Did they use a digital graphics program to create the poster?
- Is it the right size? (11 in. x 17 in.)
- Is the poster mounted to foam core or matte board?
- Was the digital file sent in the correct format?

**20 points – Presentation**
- Did the student use care in printing and mounting the poster?
- How is the craftsmanship?
- Is it cleanly presented? (No glue marks, rips, tears of the poster.)
Disqualification
The digital design must be original, and should not have been submitted in a prior year. 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 notify the team of disqualification before the end of the day; however, this may not always be possible. The judges reserve the right to disqualify a project after review. The decision of the judges, during all phases of the competition, is FINAL.

GENERAL
The contest is limited to four (4) entries per division per school. Each entry may be an individual or a team project of two to four students. It is recommended that the bigger participation schools stage run-off competitions on their home campus to select the “varsity teams” to compete at TECh if they have more than 4 potential entries. The entries will become the property of the Tulsa Engineering Challenge and may be used for marketing purposes.

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 (4th 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: $50.00 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.
PLEASE TYPE OR PRINT CLEARLY AND LEGIBLY

A word doc of this form is available by emailing info@tulsaengineer.org or calling 918-906-7929

School Name: ________________________________________________________________

School Address, City, State, Zip: ______________________________________________

Sponsoring Teacher: ___________________________________________________________

Teacher Email: _______________________________________________________________

Phone: ______________________________________________________________________

School Phone: __________________________________________________________________

Grade of Student(s): __________________________________________________________

Name(s) of Student(s) and Signature(s): _______________________________________

1) __________________________________________  _________________________________

2) __________________________________________  _________________________________

3) __________________________________________  _________________________________

4) __________________________________________  _________________________________

We hereby certify that the poster was designed and created by the following students.

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Digital Poster Design Competition – Score Card

Poster scores will be based on a scale of 1-100 (100 being the best possible score).

Name of Judge: ______________________________________________________________

<table>
<thead>
<tr>
<th>Max. Points</th>
<th>Category</th>
<th>Score</th>
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<tbody>
<tr>
<td>20 points</td>
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<tr>
<td>20 points</td>
<td>Presentation</td>
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TOTAL: __________________________