



# CMS-TSA

The Technology Student Association, known as TSA, is a national and state organization for elementary, middle school, and high school students who are presently enrolled in or have completed a technology education program.



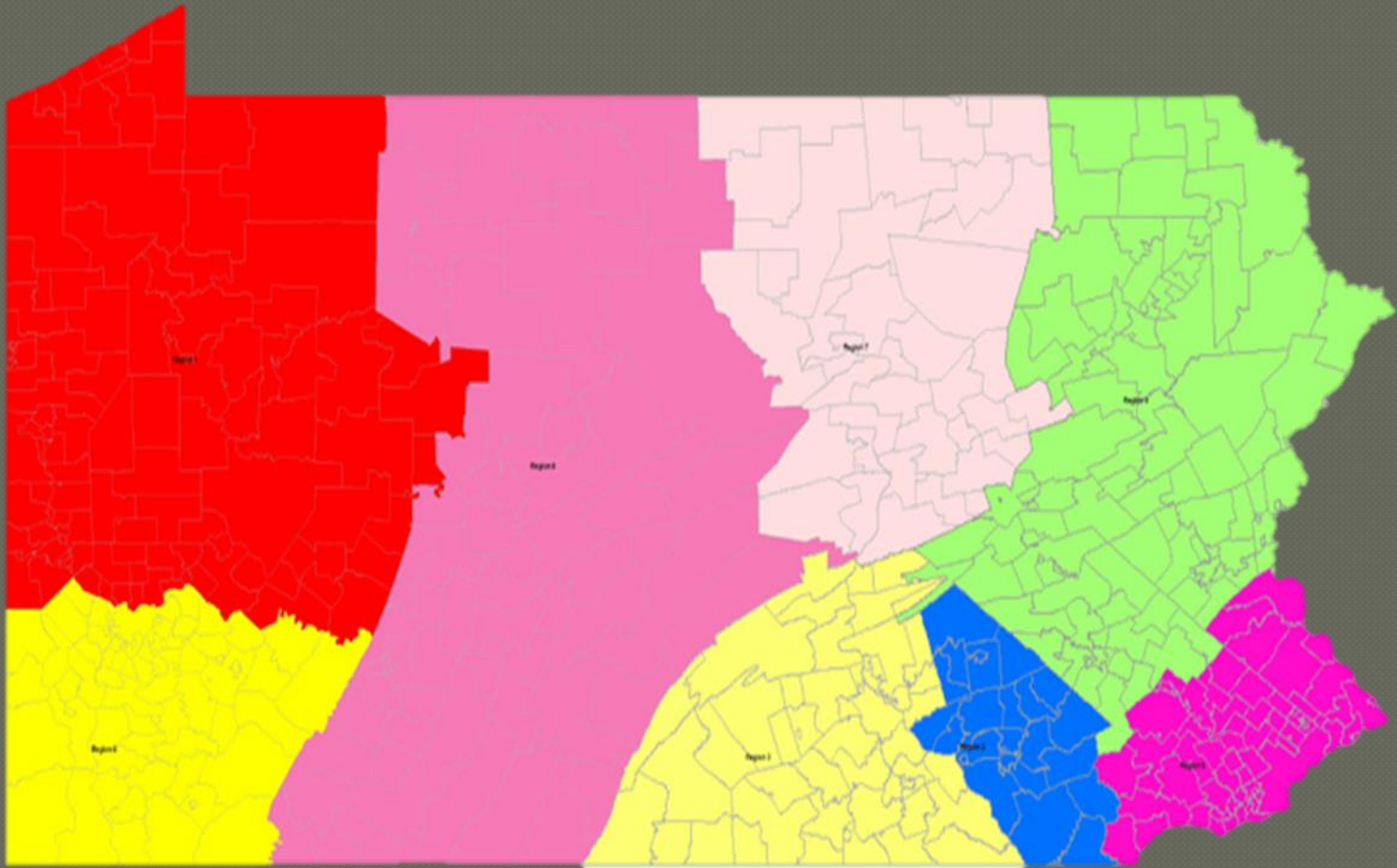
# Purposes of TSA

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- Provides opportunities for LEADERSHIP
- Promotes TECHNOLOGY & ENGINEERING
- Increases KNOWLEDGE
- Inspires RESPECT
- Encourages scholastic MOTIVATION
- Assists in making CAREER CHOICES



# PA-TSA Regions



# 2018 Regional Conference

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Saturday  
January 19, 2019



**Blackhawk**

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School District

# 2018 Middle School Events

## Regionals

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### ON-SITE EVENTS

- CAD Foundations
- Challenging Tech Issues
- Coding (test only)
- Leadership Strategies
- Prepared Speech
- Problem Solving
- System Control Technology
- Tech Bowl
- Tech Design

# 2018 Middle School Events

## Regionals

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### EARLY SUBMISSION EVENTS

- Career Prep
- Children's Stories
- Digital Photography
- Inventions & Innovations
- Medical Tech Issues
- Promotional Marketing
- Video Game Design
- Website Design

# 2018 Middle School Events

## Regionals

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### OTHER

- ◉ Dragster
- ◉ Flight (flight & binder)
- ◉ Mass Production
- ◉ Off the Grid
- ◉ Structural
- ◉ PA - Digital Video
- ◉ PA – Safety Illustration
- ◉ VEX IQ: Ringmaster

# 2019 State Conference

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Seven Springs Resort  
Champion, PA  
Date: April 10-12, 2019





# 2018-19 Middle School Events

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## States

All events offered at Regionals plus...

**Electrical Applications**

**Essays on Technology**

**Promotional Marketing**

**Biotechnology**

**Chapter Team**

**Community Service Video**

**Construction Challenge**

**Forensic Technology**

**Junior Solar Sprint**

**Mechanical Engineering**

**Microcontroller Design**

**STEM Animation**

# 2018-19 Middle School Events

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## States

AND...

PA – Calculator Robot

PA – Delta Dart

PA – Logo Design

PA – Digital Photography

PA – Digital Video Challenge

PA – Material Processes

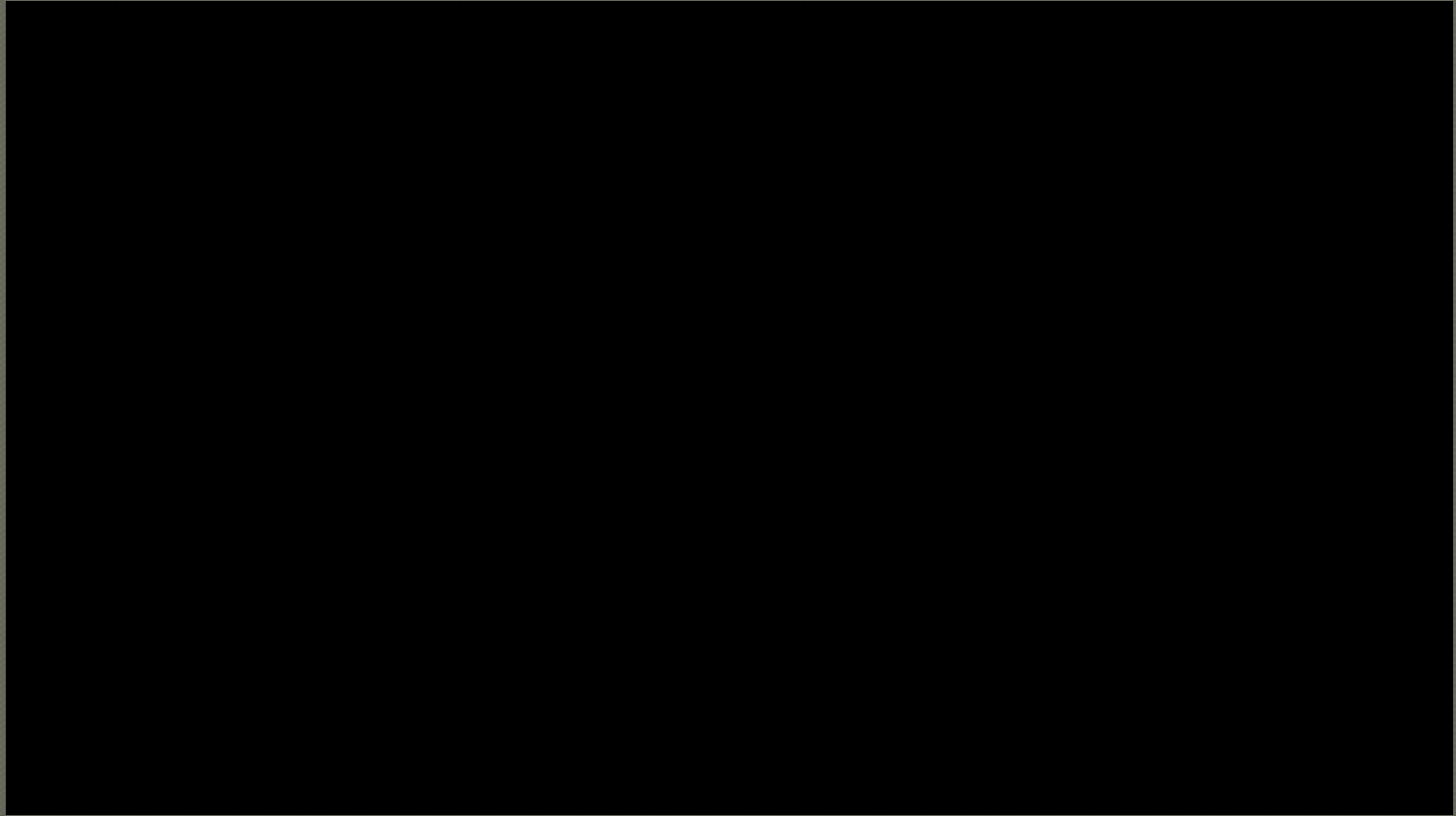
PA – Snapshot

PA – Robotics

# VEX Robotics Competitions

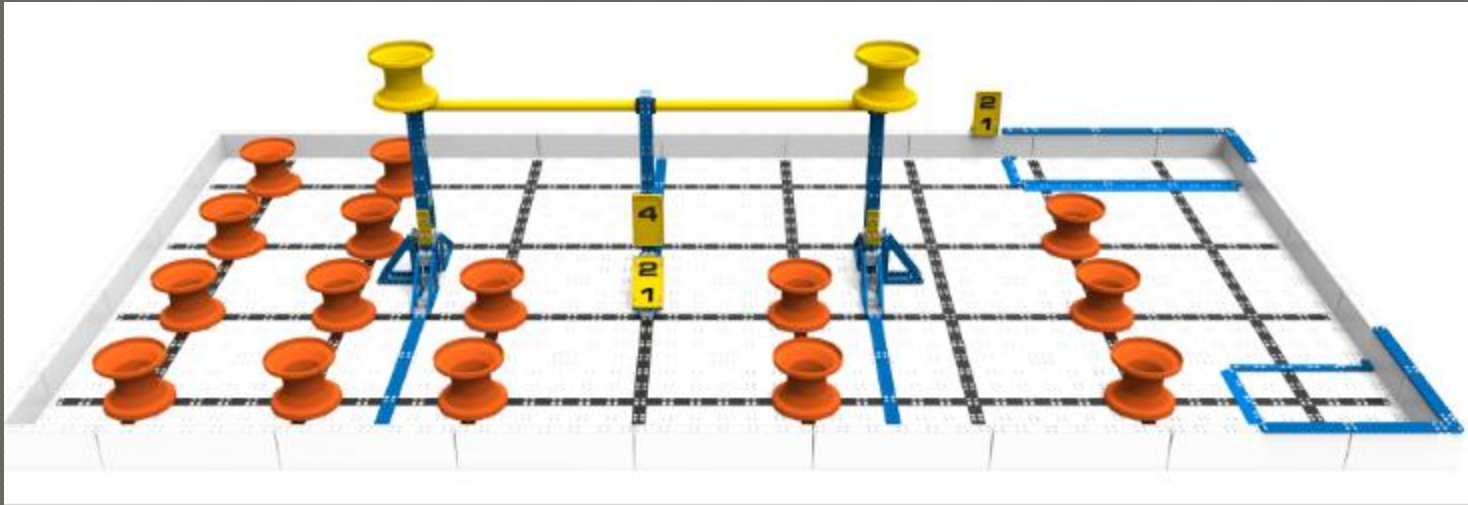
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**NEXT LEVEL**



# VEX Robotics Competitions

## NEXT LEVEL



Competition dates TBD throughout the year:

**December - MMS**  
**February – Baierl Center**



# Commitment

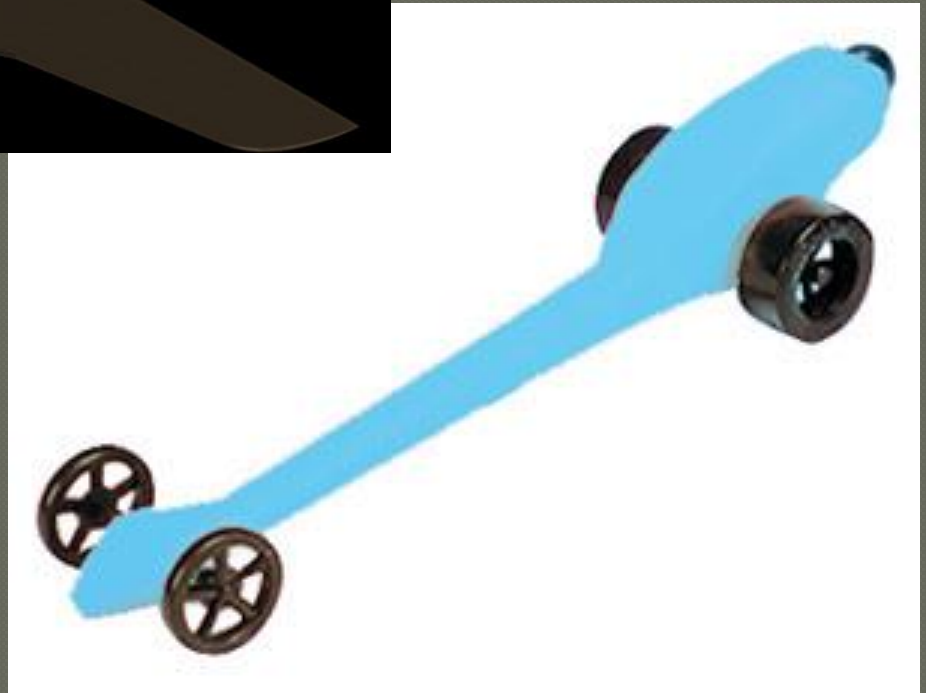
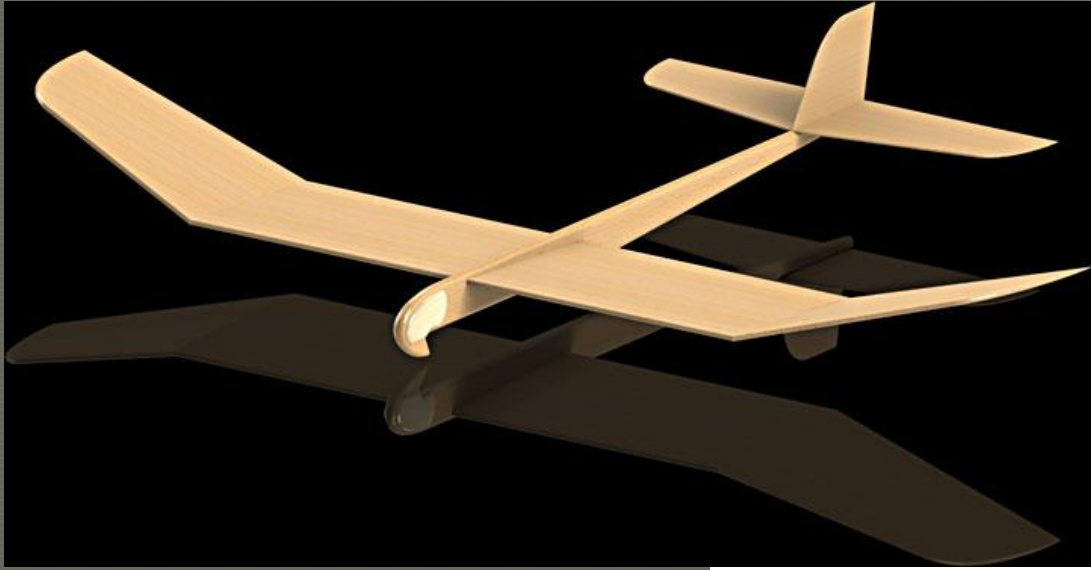
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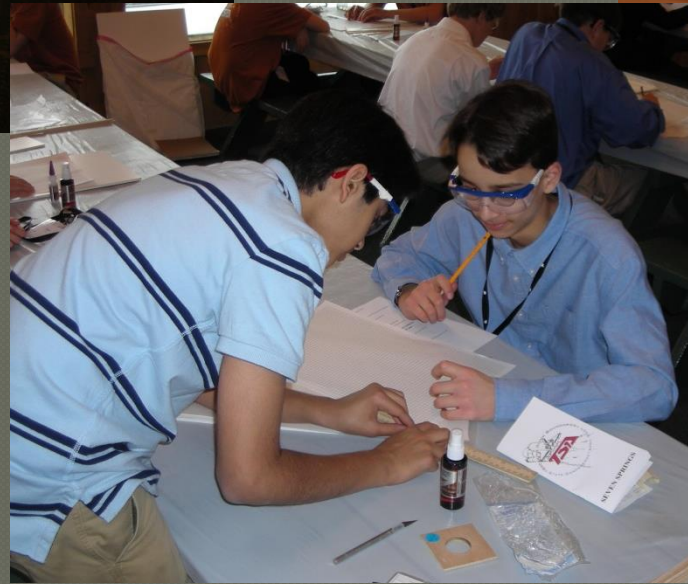
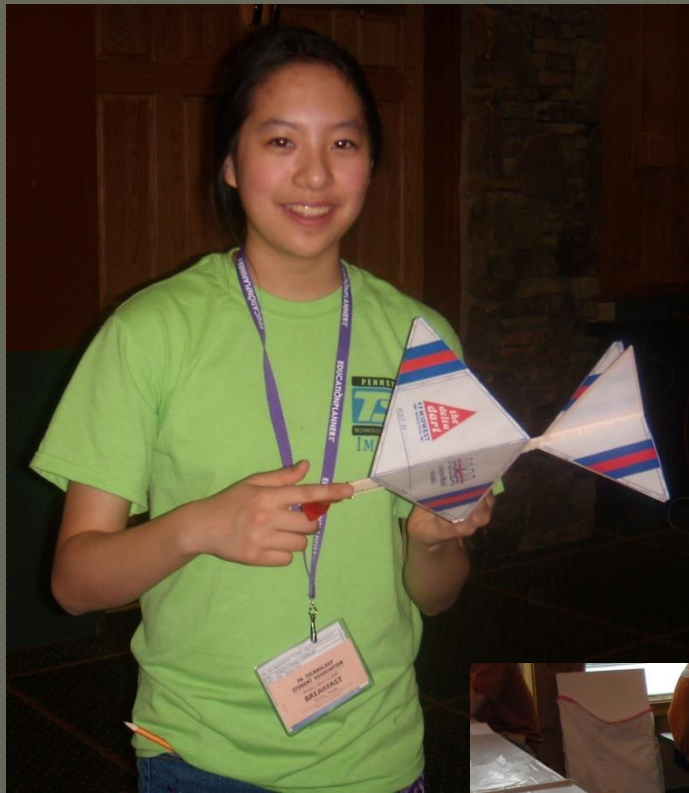
- Organizational activity period (Tuesday)
- Occasional after school sessions (closer to conference)
- Participation in at least 3 events at Regional Conference (1 being an on-site activity)



# Becoming a Member

- A membership fee of **\$50.00** is required.
- This fee covers:
  - Registration at the regional conference (January)
  - Chapter registration at the state and national levels
  - Some materials
- Finalists in the regional competition will have the opportunity to compete in the statewide competition at Seven Springs in April. If you wish to participate, the additional cost will be approximately \$350. This amount covers registration, meals and accommodations at the resort.







Find out more info about TSA at:

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[www.patsa.org](http://www.patsa.org)  
(Pennsylvania's Website)

[www.tsaweb.org](http://www.tsaweb.org)  
(National Website)