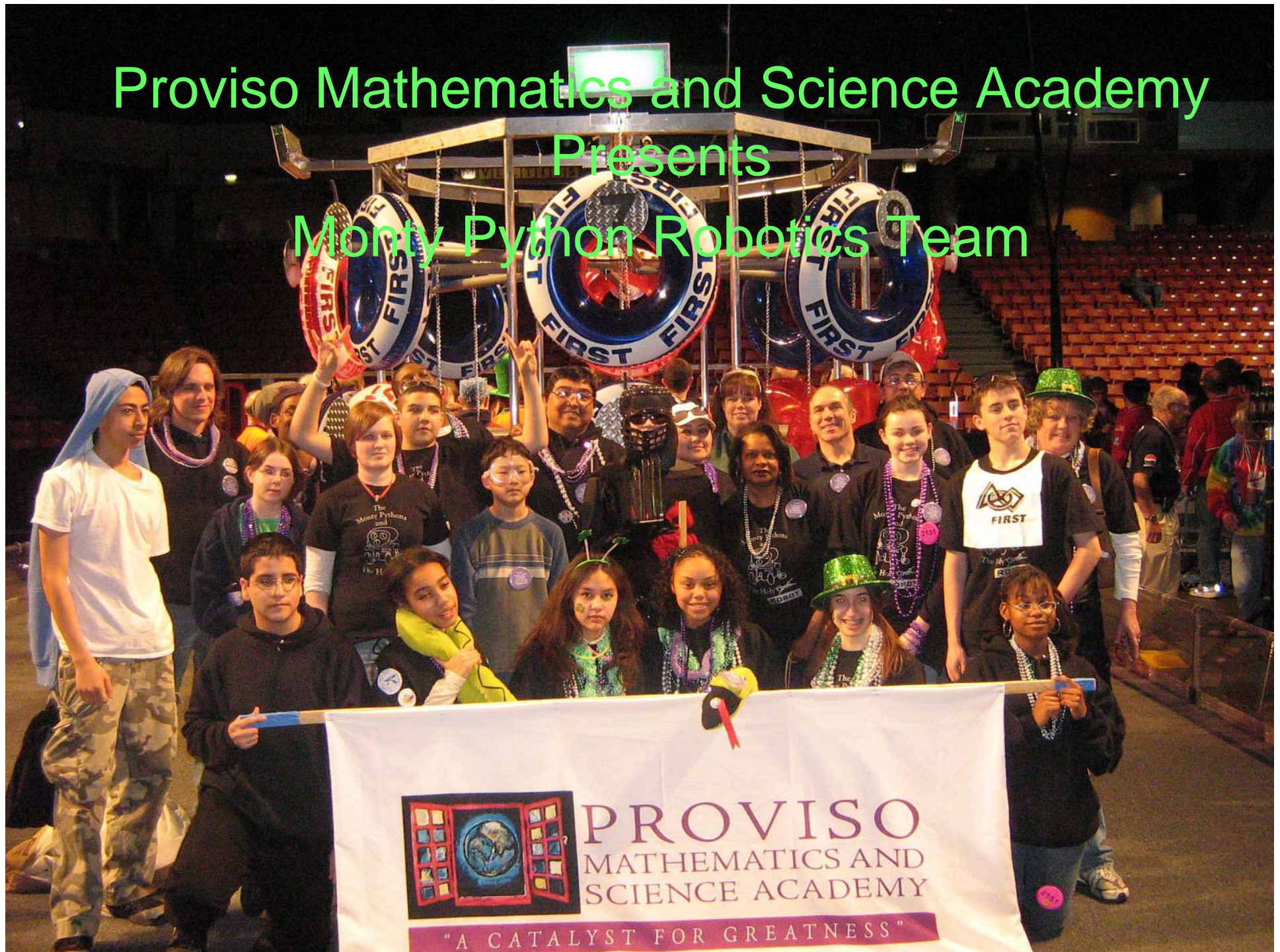


Proviso Mathematics and Science Academy
Presents
Monty Python Robotics Team



Who we are...

- We are the PMSA Robotics team
- This is our second year of existence as a robotics team
- Our group consists of 28 willing and committed future engineers
- sophomores and freshmen

Mentors...

- Founder - Mr. Thomas Dix, PMSA Physics Teacher
- Other mentor specialties include: Engineers, Carpenters, Electricians, Programmers, College Professor, and Parents

Our FIRST Year...

- All Freshmen
- Six week build season
 - 10 hours during the week
 - 6-8 hours on last 3 Saturdays
- Split into teams
 - Design
 - Build
 - Presentation
 - Support
- FIRST competition
 - Rookie Inspiration Award

What We've Done...

- In 2007, placed 6th out of 36 teams in FIRST (For Inspiration and Recognition of Science and Technology) robotics competition
- summer of 2007, conducted a camp for middle school children in partnership with D.I. (Destination Imagination) to promote teamwork and creative problem solving
- Summer of 2007, half of our team enrolled in a college level course at Triton College to learn CAD (Computer Assisted Design)
- In October, competed in BEST (Boosting Engineering, Science, and Technology) robotics competition

What We Plan to Do...

- Host Destination Imagination workshop at PMSA
- Informal presentation and mentorship to *Austin Polytechnic High School*
- Compete in the 2008 FIRST tournament
- Continuing education in technology, engineering, web-design, and programming
- Host additional workshops in creative team based problem solving
- Look for prospective sponsors

Why We Are Doing This...

- To expand knowledge in the field of robotics and engineering
- To expose the youth of today to real world experiences and preparation for jobs in engineering, technology, and business
- To foster relationship between peers and mentors

Why We Need Your Support, And How We Will Benefit ...

- Fund our growing needs and satisfy our financial obligations
- Enable us to participate in upcoming tournament
- Engage middle schools and other high schools in our community
- Aid promising engineers to compete, learn, and grow in the extraordinary experiences that being a part of the robotics teams brings

Fundraising/Sponsors...

- Fundraising
 - Foosball
 - Taffy apple sales
 - Face painting
 - Recycling
 - Bake sale
- Sponsors
 - NASA
 - Village of Bellwood
 - Proviso High School District
 - Video Jet
 - Mentors and Parents

Strengths and Weaknesses

Strengths

- Dedication
- Teamwork
- Eager to learn
- Placed among the ranked teams in Illinois in first year
- Great team of mentors
- School support
- Great work space

Weaknesses

- Still needs improvement
- Still overcoming obstacles
- Experience
- Financial support