

Kingman High School Robotics Team

**The Spirit of Innovation Lives
On...
Here!!!**

Who We Are

- Kingman High School Robotics is in it's 7th year at Kingman High School
- The KHS Robotics Team with the help of Ford Motor Company, Laron Incorporated, and many others competes in the national robotics competition held by US FIRST
- US FIRST is a highly successful competition in which corporations team up with high schools to compete in a high tech gladiator robotics sporting event (www.usfirst.org and www.team60.com)
- Our mission and promise is to provide team members with hands-on experience in the fields of engineering, machining, marketing, public speaking, animation, math, science, and much more. We also want to increase the interest in math, science, and technology throughout Mohave County, the the country, and the world.



What We Do

- September – January: Organize team and raise money
- January: Receive the kit of parts and rules of the game
- Next six weeks: Design, build, and test the robot; design and create the 3-D Studio Max Animation; create and submit the Chairman's Award
- During the building phase: students design and build prototypes, work hands on in the machine shop to design, build, and test the robot
- March – April: Compete against 800 other high schools in regional competitions (Phoenix & Denver) and at the national championships (Atlanta, GA)



What We Gain

- Students leave with many experiences to draw upon in any endeavor
- Students gain excitement for studies in math, science, machining, computers, marketing, and engineering
- Students gain hands-on experience in robotics design, machining techniques, working with others as a member of a team, and working in a high stress product driven environment
- Students become more self-aware learning more about their areas of interests, their strengths, and their likes and dislikes

New For The 2003 – 2004 Season

- FIRST Lego League Summer Camp
- Monthly Newsletter
- Mentoring 8 FIRST Lego League teams in Mohave County
- Hosting a State Qualifying FIRST Lego League event at Kingman High School
- Establishment of the Kingman High School Robotics Advisory Board
- Production of the Kingman High School Marketing Manual. This manual was given to over 90 teams in 4 Countries: US, Canada, England, and Brazil.
- Assisting in the expansion of FIRST in the county, state, national, and international level.

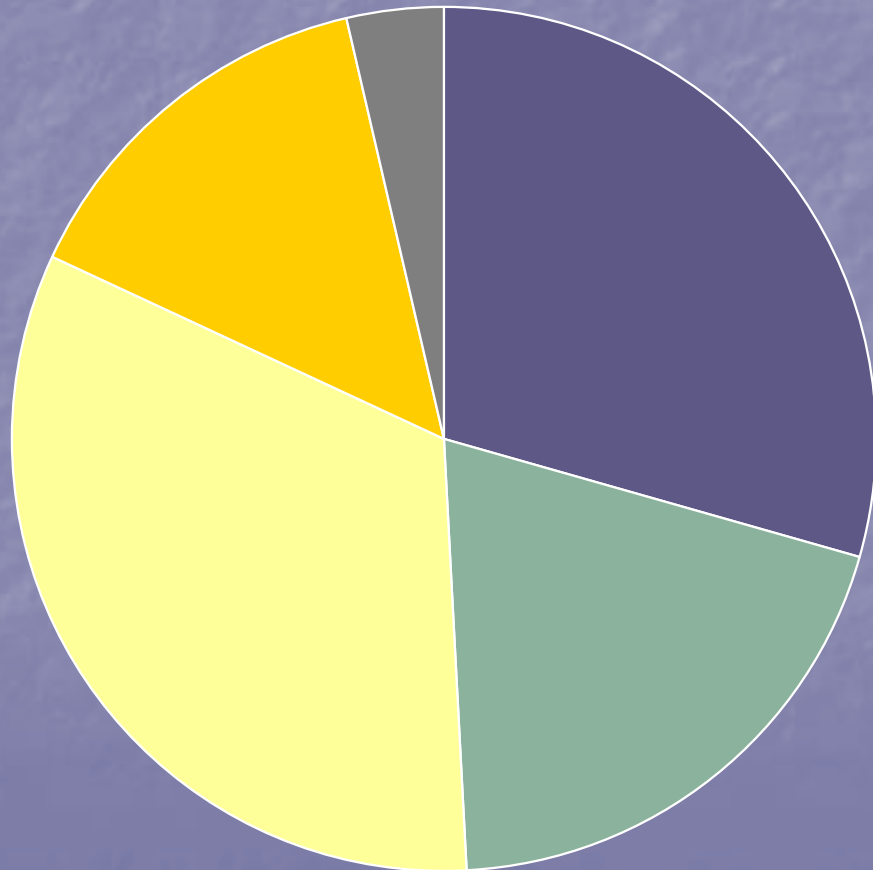


What You Can Do and Gain

- The KHS robotics Team could not exist without sponsors and volunteers. The team activities require expertise and resources that public high schools are not able to provide.
- Help with the sponsorship of the KHS Robotics team (monetary, supplies, or equipment).
- Help with the expertise and facilities to design, build, and test.
- Major sponsors logos are displayed on the robot, team shirts and banners, and in all team marketing materials.
- Our past robots have been displayed on local TV and in national newspapers.
- Through partnerships the sponsors are infused with student enthusiasm.
- Many students have gone on to have internships and jobs with partner companies.
- Satisfaction of giving back to the community

Finances

Expenses for 2002 -2003
\$59,750



■ **Travel: \$19,300**

■ **Registration Fees: \$13,000**

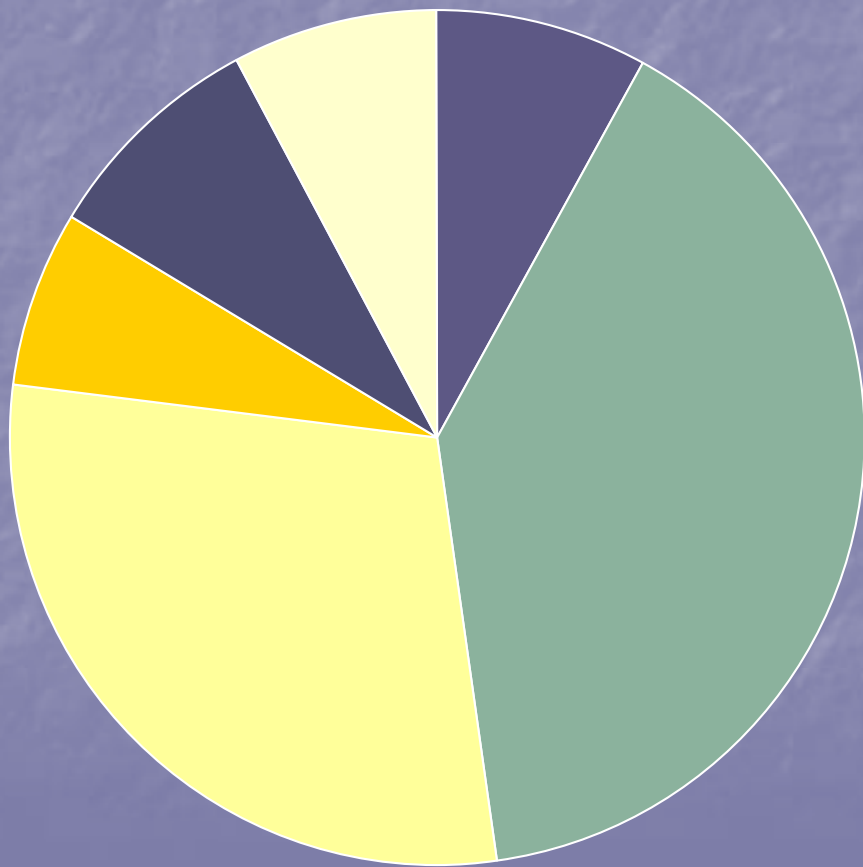
■ **Robot Expenses (aprox):
\$21,500**

■ **Team Operating Expenses:
\$9,550**

■ **Grants and Donations:
\$2,400**

Finances

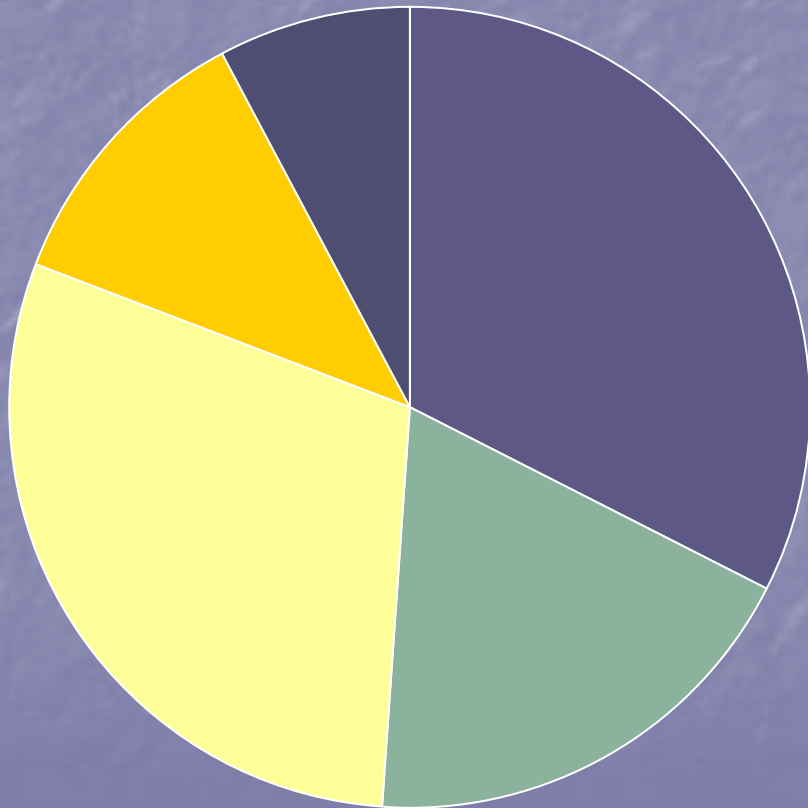
Income for 2002 – 2003
\$72,950



- Beginning Balance: \$6,000
- Corporate Donations Monetary: \$29,000
- Corporate Donations In Kind: \$21,500
- KUSD/GEAR UP: \$4,800
- Tax Credits: \$6,350
- Student Fundraising: \$1,300

Finances

Estimated Expenses for 2003 -2004
\$70,500



■ Travel: \$23,000.

■ Registration Fees: \$13,000

■ Robot Expenses: \$21,000

■ Team Operating Expenses:
\$8,000

■ Grants and Donations:
\$5,500

Thank You To Last Years Sponsors

- Ford Motor Company
- Southwire
- West Coast Netting
- Gear Up
- American Woodmark
- Laron Incorporated
- Brackett Aircraft
- Bearing, Belt, Chain
- Colorado River Ford
- I Corp
- Honeywell
- True Value
- Ace Hardware
- Napa Auto Parts
- CAT
- Repo - Depot
- Great West Truck & Auto
- Advantage Heating & Air
- Kingman School District #20

Honors and Awards

■ 2003

Phoenix: Qtr Finalists
Sportsmanship Award
3D Studio Max – 2nd Place

Los Angeles: 1st Place
Judges Award

■ 2002

Los Angeles: 1st Place
Industrial Design Award

San Jose: 1st Place
Quality Design Award
Incredible Play Award

Nationals: 3rd Place Overall
Curie Division 1st Place
Industrial Design Award

■ 2001

Los Angeles: Quality Design Award

San Jose: 1st Place
Imagery Award
Incredible Play Award

Nationals: 3rd Place Overall
Curie Division 1st Place
Incredible Play Award
Quality Design Award

■ 2000

San Jose: 1st Place
Quality Design Award

Nationals: 5th Place Overall

Contacts

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Learn more about KHS, USFIRST, and FIRST
Lego League

www.team60.com
www.usfirst.org

