

# **Executive Summary 2011**

## **Team 2996**

**Describe the impact FIRST has on the learning experience of the students, school curriculum, engineers, and community during the '10-'11 year as well as prior years.**

- **REAL WORLD EXPERIENCE** – Students interview for a leadership positions, write grants, & give presentations to prospective and existing sponsors
- **INSPIRE** – FIRST inspires students to become involved in Coronado's engineering program, Project Lead the Way, & has inspired past students to major in engineering
- **COMMUNITY** – Understand FIRST's importance regarding science & technology in our community; through festivals and mentorships so we can help kids experience science that they hadn't had before

**Why or how is team 2996 a role model for other FIRST teams to emulate?**

- **AWARDS** – Won the Entrepreneurship, Safety, Animation, and Website Award, as well as went to nationals our rookie year
- **STUDENT LED** – Our team is completely student led by our leadership team
- **COMMUNITY OUTREACH** – Open-door policy team. We host strategy sessions for FRC teams, we well as host competitions and camps amongst FTC and FLL teams through grants from the Air Force

**Describe the excitement and impact team 2996 has had within the entire school, community and beyond through participation in FIRST during the '10-'11 year as well as prior years.**

- **SCHOOL** – Participate in pep assemblies, our homecoming parade (we built a winning float, modified our robot to pass out candy to spectators,) our school's paper & newsletter, & often on KUGRTV (our school's weekly news)
- **EVENTS** - Participates in citywide festivals such as Cool Science & What If Festival, Race for the Cure, Heart Association Run, local food drives, & the Pro Rodeo Parade with our sponsors!
- **MENTOR** - Mentor FTC & FLL teams as well as run local and regional FLL competitions

**Describe the impact FIRST has on the learning experience of the students, school curriculum, engineers, and community during the '10-'11 year as well as prior years. (3 less than 500)**

- REAL WORLD EXPERIENCE – Students interview for a leadership positions, write grants, & give professional presentations to sponsors
- INSPIRE – FIRST has inspired students to become involved in Coronado's engineering curriculum, Project Lead the Way, & has inspired past students to major in engineering
- COMMUNITY – Through FIRST our team has learned why getting the word of science & technology out to our community is so important; we do through festivals, mentorships, and showings

**Why or how is team 2996 a role model for other FIRST teams to emulate? (3 less)**

- AWARDS - Team 2996 has won the Entrepreneurship Award in the past for their excellent business organization.
- STUDENT LED – Our organization is completely student led by our leadership team
- COMMUNITY OUTREACH- We excel at “coopertition.” We host other teams in strategy sessions after competitions & fun competitions like a Sea Perch activity. We are currently working on a plan to partner with the Air Force in presenting a city-wide robotics camp in the summer of 2011.

**Has the team documented an innovative way to spread the FIRST message?**

**FOCUS ON YOUNGER GENERATION**

- *Festivals*: demonstrated 2010 robot during 2 festivals facilitating 1-on-1 interaction with people of all ages by permitting everyone to drive the robot and talking to younger generation about their specific interests
- *Camps*: created curriculum & presented 2 robotics camps in 2009, & 1 in 2010 at local middle schools; mentor FLL teams at 3 middle schools; city-wide robotics camp at Coronado (summer 2011)
- *Demonstrations*: presented robot at FLL scrimmages & regionals

**How strong is the year-round team partnership effort reflected during the '10-'11 team year as well as prior years?**

**COMMUNITY OUTREACH**

- *Community service:* continued to represent sponsors through participation in activities previously described
- *Sponsor participation:* mentors/sponsors support us year round by providing resources and other industry contacts

**TEAM BUILDING**

- *Team activities:* team-created mock games simulating build season, summer fun activities, once a week meetings during off-season
- *Alumni participation:* year-round mentoring, accompanying team to competitions

**Describe your team's communication methods and results**

**COMMUNICATION**

- *Within team:* emails, leadership meetings, daily team meetings during build season, weekly team meetings during off-season, team design briefs
- *Within community:* award-winning website (team2996.com); pep assemblies, newspaper, and weekly news video; Facebook; Twitter; local newspaper articles; Sponsor & Parent Dinner
- *Prospective members:* stand at fall class registration for recruitment, followed by a start-of-year picnic open to friends and family

**Any other matters of interest to the judges**

**STUDENT RAN**

- strong mentor base; team still completely student ran
- students organize community service & presentations, write grant applications, design & build robot

**TEAM PASSION**

- passionate about success (attendance: consistently high)
- energy during build season continues through struggles (have fun while being graciously professional)
- competition spirit: extraordinary (school mascot, face paint, constant dancing and cheering)
- whole team adopted "EFY Dance" and performs it at competition