

## Executive Summaries:

<p>Briefly describe the impact of the <i>FIRST</i> program on team participants within the last five years</p> <p><u>455</u></p>	<p>FIRST has had a huge impact on everyone on our team by giving us the opportunity to do what we never thought we could. Many of our team members have older siblings that were on the team, and they joined because they have been exposed to the program from an early age. Because of FIRST, our students found out what major they wanted to go into, and the majority of our graduated members are in STEM fields, with an array of alumni working for our sponsors.</p>
<p>Describe the impact of the <i>FIRST</i> program on your community within the last five years</p> <p><u>495</u></p>	<p>Every event we go to, we constantly encourage everyone to involve themselves in a FIRST program. We make a continual impact on our community through public demonstrations + where kids of all ages experience STEM and robotics. Every year, we participate in the Cool Science Festival, which is STEM based, and the What If? Festival. At these demos, we hand out our team's buttons to kids and they come back to see us for years to come. At these demos, we also explain what FIRST is and what it does.</p>
<p>Describe the team's methods for spreading the <i>FIRST</i> message in ways that are effective, scalable, sustainable, and creative</p> <p><u>459</u></p>	<p>Our team holds an annual scrimmage, which is like a practice competition, that gives FRC teams the opportunity to work through flaws in their system before the real thing. In the spirit of Gracious Professionalism, our shop and tools are open to the teams for the whole day and many times our members assist them in fixing their robot. It also gives teams a chance to collaborate with each other. We even have a #FIRSTLikeAGirl booth to support women in STEM.</p>
<p>Describe examples of how your team members act as role models and inspire other <i>FIRST</i> team members to emulate</p> <p><u>309</u></p>	<p>Our team is student led, with student leadership for each of our 12 sub-teams chosen by mentors. This group acts as role models for the newer members of the team by guiding and including the students in all activities. This encourages them to become more associated with STEM and to contribute in team events.</p>
<p>Team's initiatives to help start or form other <i>FIRST</i> Robotics Competition teams</p> <p><u>447</u></p>	<p>Our team has not helped initiate teams in recent years, however we help further develop existing teams. Last season, we helped Team 4068, Bearbotics, restructure their leadership to resemble ours, and we helped strengthen</p>

	<p>the business side of their team. In addition, we organize and host the Business Exchange at the Colorado Regional so teams can share their ideas and concepts while also being exposed to new suggestions that may be beneficial.</p>
<p>Describe the team's initiatives to help start or form other <i>FIRST</i> teams (including <i>FIRSTLEGO</i> League Jr., <i>FIRSTLEGO</i> League, &amp; <i>FIRST</i> Tech Challenge)</p> <p><b><u>441</u></b></p>	<p>Unfortunately, our team does not have the resources available to establish other <i>FIRST</i> teams, but we do our best to support existing teams in the ways we can. For example, we have run the Southern Colorado FLL Qualifier for the past 2 years. Both years, a total of 47 teams attended the event. Additionally, we host the FLL Jr. Expo in our school cafeteria with 5 to 10 teams in attendance, along with an FLL team to showcase their progress.</p>
<p>Describe the team's initiatives on assisting other <i>FIRST</i> teams (including <i>FIRST</i> LEGO League Jr., <i>FIRSTLEGO</i> League, &amp; <i>FIRST</i> Tech Challenge) with progressing through the <i>FIRST</i> program</p> <p><b><u>326</u></b></p>	<p>Lately, we have been getting more contacts to assist other <i>FIRST</i> teams. Our CEO of this year has made a contact with a school that wishes to start an FRC team. Although we have not been assisting teams recently, we have been making our connections stronger so we can better support other <i>FIRST</i> teams, and teams in development.</p>
<p>Describe how your team works with other <i>FIRST</i> teams to serve as mentors to younger or less experienced <i>FIRST</i> teams (including <i>FIRSTLEGO</i> League Jr., <i>FIRSTLEGO</i> League, &amp; <i>FIRST</i> Tech Challenge)</p> <p><b><u>384</u></b></p>	<p>Although our team is not directly responsible for mentoring other teams around <i>FIRST</i>, some of our members have contributed to helping out other FLL Jr. and FLL teams with the design process and means of succeeding as a team. Our members pride themselves in venturing outside of the team and sharing their wisdom with schools, teams, and students that are interested in <i>FIRST</i> and STEM.</p>
<p>Describe your Corporate/University Sponsors</p> <p><b><u>388</u></b></p>	<p>A majority of our corporate sponsors are parents or relatives of team members that are interested in supporting us. For example, the father of 2 students on the team works for L3Harris. Even with multiple changes in ownership, they continue to support the team. Since we are based in Colorado Springs, many of our sponsors are local defence contractors such as Lockheed Martin and Boeing.</p>

<p>Describe the strength of your partnership with your sponsors within the last five years</p> <p><u>499</u></p>	<p>We strive to maintain a good relationship with all of our sponsors by sending them updates on how we are doing throughout the season. We also invite them to a Parent-Sponsor Dinner at the end of build season to show what we have accomplished and to thank them for their support. We have invited NAWIC to one of our meetings to show how our team works. Over the course of 3 years, we have gone to L3Harris for a luncheon, not only so they can see what we do but also to learn more about what they do.</p>
<p>For <i>FIRST</i> Robotics Competition teams older than 5 years, briefly describe your team's broader impact from its inception</p> <p><u>493</u></p>	<p>We have continued to attend the "What If... Festival" and Cool Science Festivals since 2010. In the past 5 years, we have branched out and established relationships within our community. Our most recent event we have added is the Harvest Festival due to us doing Safe Trick or Treat, both hosted by Old Colorado City. This year, our media team has designed stickers that we plan on handing out at demos in the near future. This gives us a new, creative way to promote our team to the community.</p>
<p>Describe how your team would explain what <i>FIRST</i> is to someone who has never heard of it</p> <p><u>500</u></p>	<p><i>FIRST</i>, like any other sport, is an organization with individual teams who compete to go to championships. We also have a designated season dedicated to preparing for competitions. The difference is that we use our season to build a robot, and our competitions involve Gracious Professionalism and Coopertition, both terms that our team takes to heart. We do not require any of our members to try out, and the only qualification to be on the team, is that you are willing to work hard and participate.</p>
<p>Briefly describe other matters of interest to the <i>FIRST</i> Judges, if any</p> <p><u>496</u></p>	<p>Since the team started, we have become very well known in the community. We have heard from other students that we have the most school spirit out of all of the teams and clubs, and we include everyone in our activities. This means that we are flexible for students who are heavily involved with other clubs. We made a huge influence on the students in not only our school, but our entire district. Throughout several years, we have had many members from schools other than our main high school.</p>

In addition, we hold an annual scrimmage with a full-scale replica of the field so fellow Colorado FRC teams can compete on a field before going to an official regional event.