The Apache Way with Kids

Using Community over Code in the First Robotics Competition
In 30 years...
We have no idea
"The best way to predict your future is to create it”
- Abraham Lincoln
But what about kids?
My Origin Story
Sports Worldview

Courage

Teamwork

Winning
First Job


CONGRATULATIONS

ON GETTING THROUGH THE EASIEST PART OF LIFE
How much is transferable?
But there's a lot more to life than sports can possibly teach us...
Differences between Engineering and Sports

http://upload.wikimedia.org/wikipedia/commons/thumb/0/01/Kismet_robot_20051016.jpg/200px-Kismet_robot_20051016.jpg
Collaborative Competition
Consensus Driven Decision Making
Documenting Failure
Discovering the Apache Way
Discovering FIRST
Core Values
Values

- Gracious Professionalism
- Teamwork
- Outreach/Inspiration
- Limited Resources
- Community Over Code
- Meritocracy
- Transparency
- Pragmatism
FIRST Experiences
The Team
The Problem
Coaching FIRST vs Sports
Invest in Team Building
Kids don't have Masters in Mechanical Engineering
Putting your Ego Aside
Setting Goals
Building Consensus with Kids
Kids play politics too
Voting Strategies

+1
0
-1
Building Outreach
Get girls involved
Embrace the Community
Use Failure to your advantage
FIRST Worldview

Merit

Research

Coopertition
How you can get involved
Coach  Judge
Referee  Organizer

http://www.usfirst.org/community/volunteers
Other Kids Focused Tech Organizations
What's important to kids
Leave a Legacy

Make the Future!
References

http://www.usfirst.org/
http://www.foxvalleyrobotics.com/
http://www.vexrobotics.com/vex/competition/
Team Credits

Team Thundershock
5294 "The J is Silent"
7737 "Technical Difficulties"
7738 “Vaders”
"Dee's Angels."
"Order2Chaos."
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https://github.com/bobpaulin
http://www.devoxx4kids.org/usa/chicago/
http://www.meetup.com/ChicagoJUG/