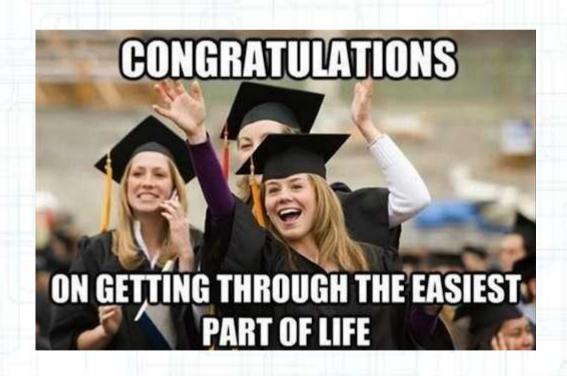


http://www.indiana.edu/~geog109/topics/10\_Forces&Winds/GasPressWeb/Image10.gif



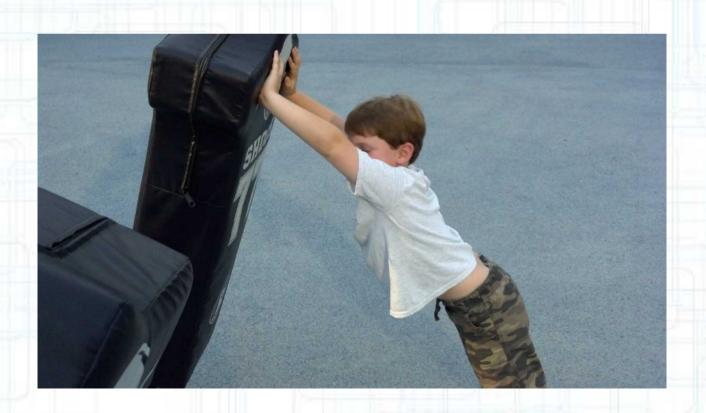
## **Sports Worldview** Courage **Teamwork** Winning

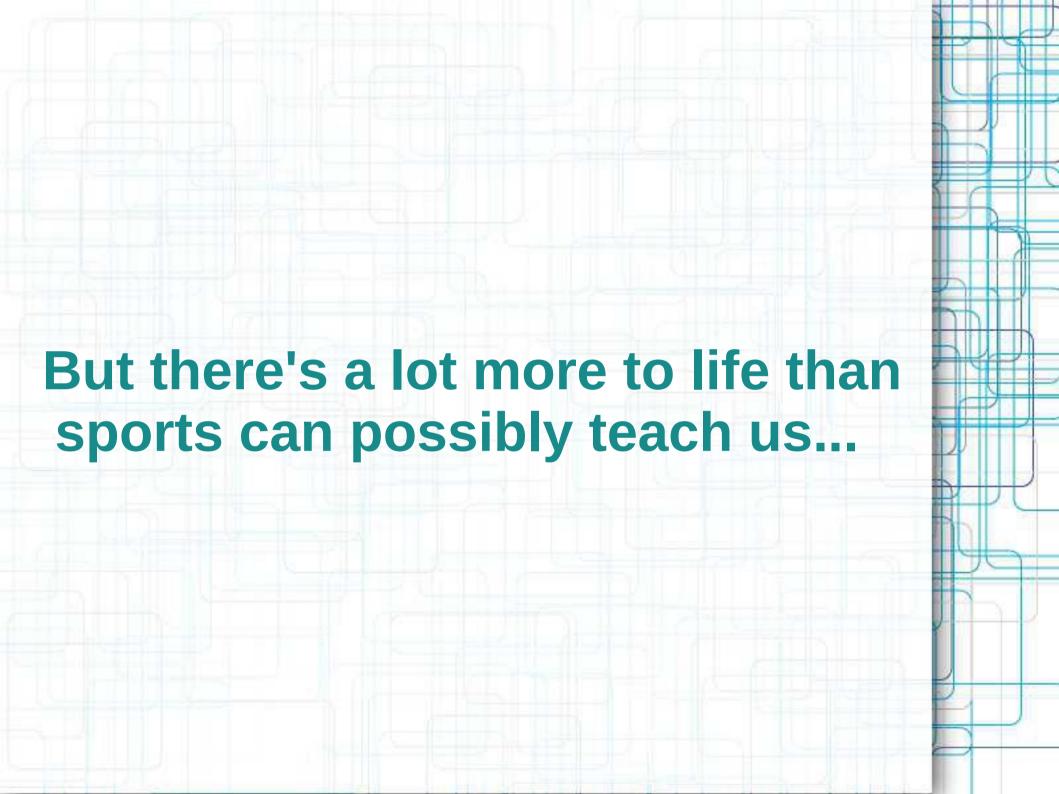
#### **First Job**



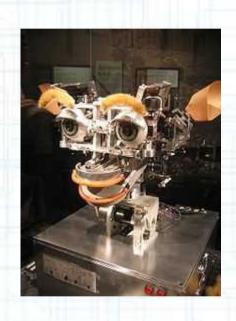
http://fistfuloftalent.com/wp-content/uploads/2013/12/funny-graduation-pictures-20132-500x320.jpg

#### How much is transferable?





#### Differences between Engineering and Sports



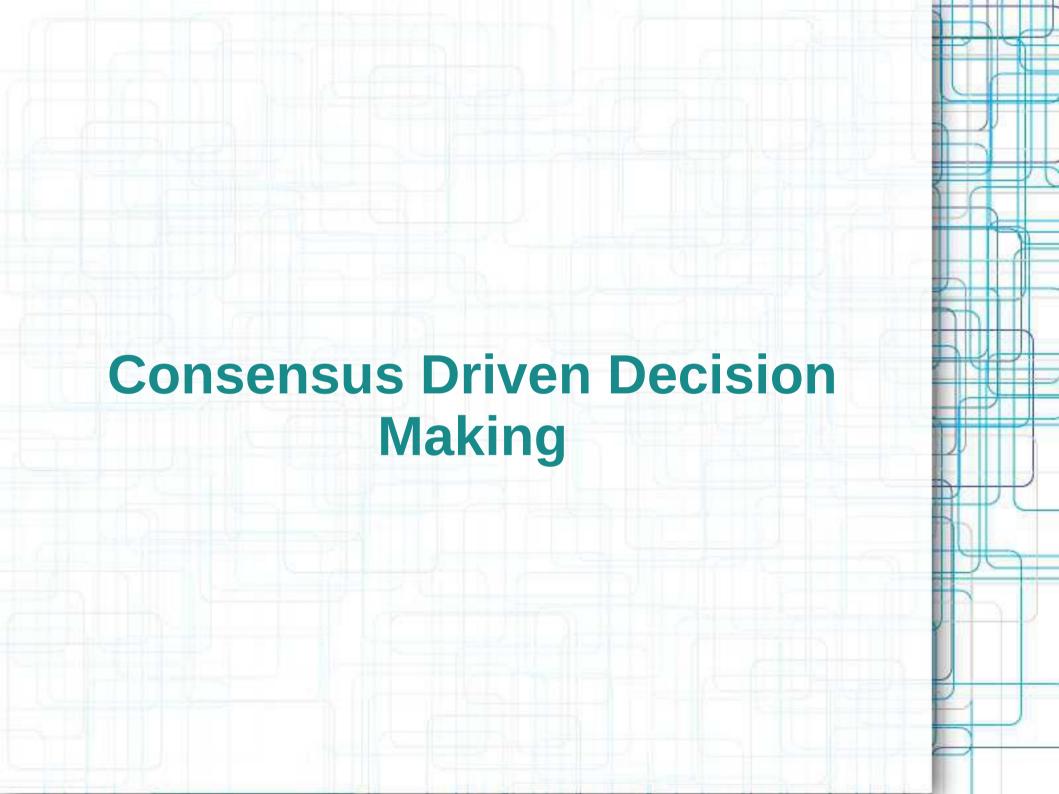


http://upload.wikimedia.org/wikipedia/commons/thumb/0/01/Kismet\_robot\_20 051016.jpg/200px-Kismet\_robot\_20051016.jpg

http://en.wikipedia.org/wiki/Portal:Sports

#### **Collaborative Competition**











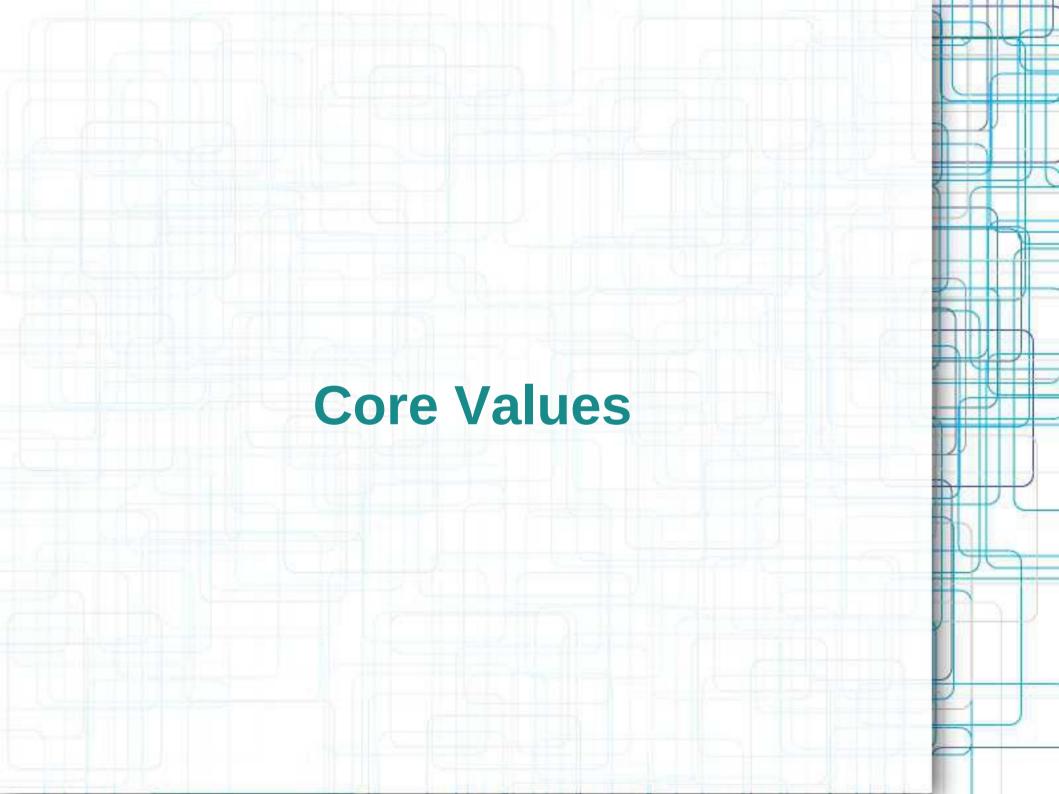
# **Discovering FIRST**











#### **Values**



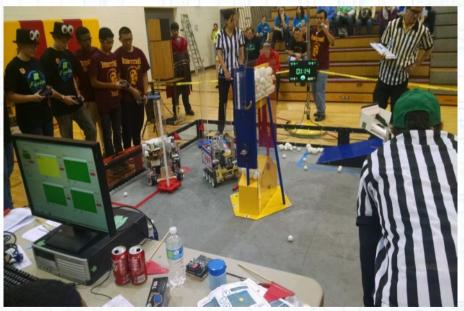
- Gracious
   Professionalism
- Teamwork
- Outreach/ Inspiration
- Limited Resources



- Community Over Code
- Meritocracy
- Transparency
- Pragmatism

#### **FIRST Experiences**







#### **The Problem**





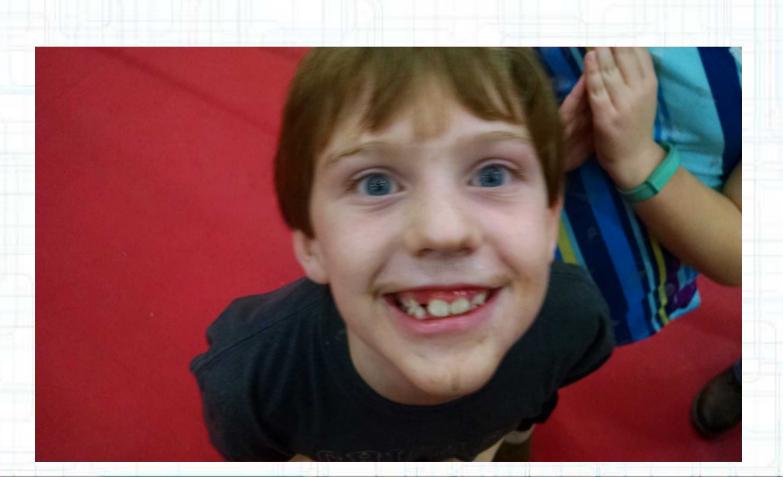
#### Invest in Team Building



#### Kids don't have Masters in Mechanical Engineering



#### **Putting your Ego Aside**



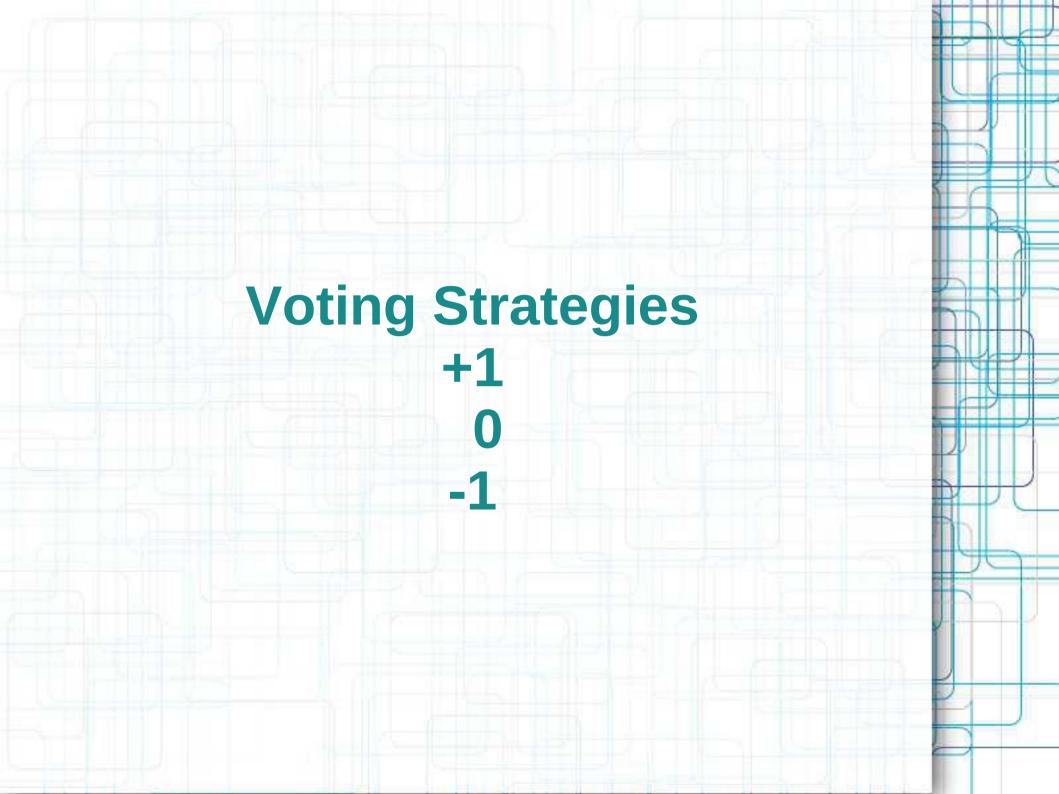
#### **Setting Goals**



#### **Building Consensus with Kids**









#### Get girls involved





#### Use Failure to your advantage



## **FIRST Worldview** Merit Research Coopertition





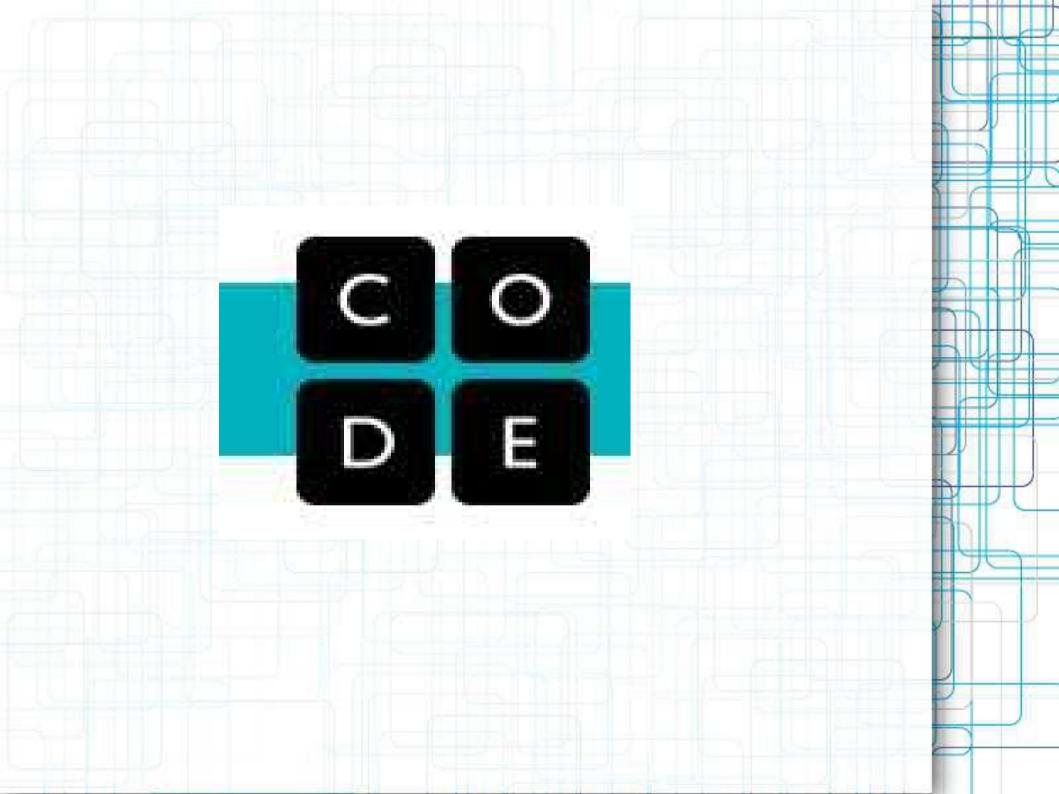
Referee Organizer

http://www.usfirst.org/community/volunteers

# **Other Kids Focused Tech** Organizations







#### What's important to kids



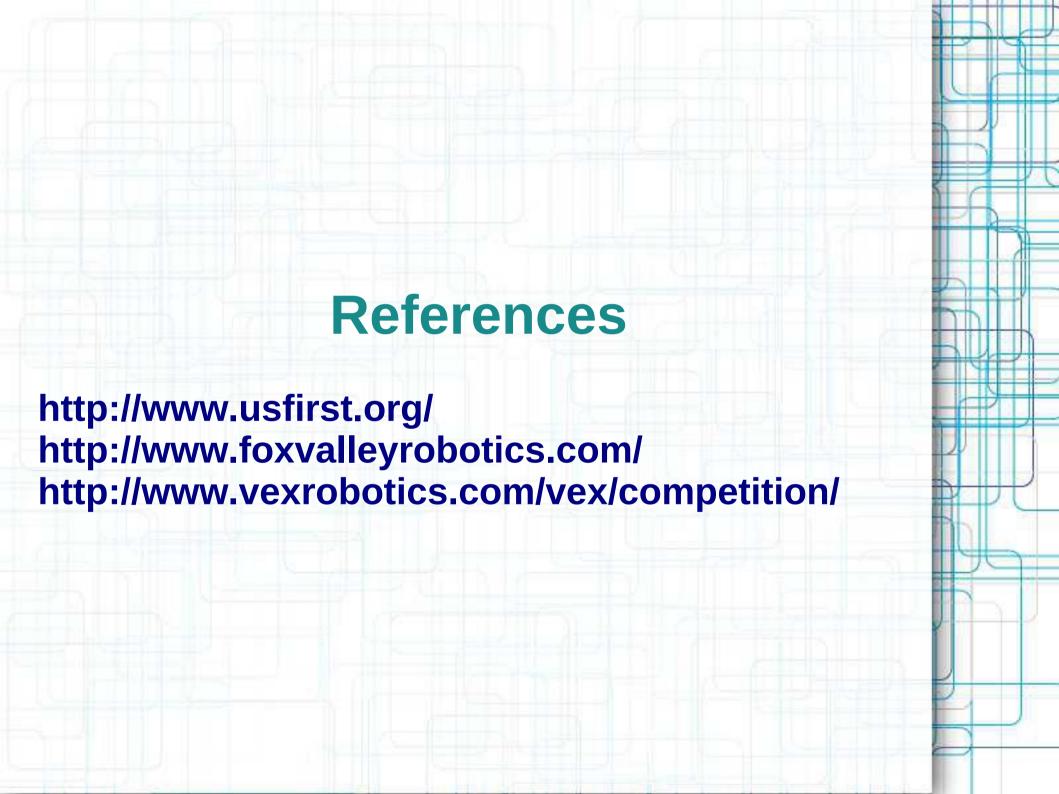






#### Make the Future!





#### **Team Credits**

Team Thundershock
5294 "The J is Silent"
7737 "Technical Difficulties"
7738 "Vaders"
"Dee's Angels."
"Order2Chaos."



http://bobpaulin.com

https://github.com/bobpaulin

http://www.devoxx4kids.org/usa/chicago/

http://www.meetup.com/ChicagoJUG/