

**FIRST<sup>®</sup> LEGO<sup>®</sup> League**

**TUTORIALS**

teach

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learn

## INTRODUCTION TO CORE VALUES

VICKY ZHAI, FTC 9873

# CORE VALUES

ROBOT GAME

PROJECT

CORE VALUES

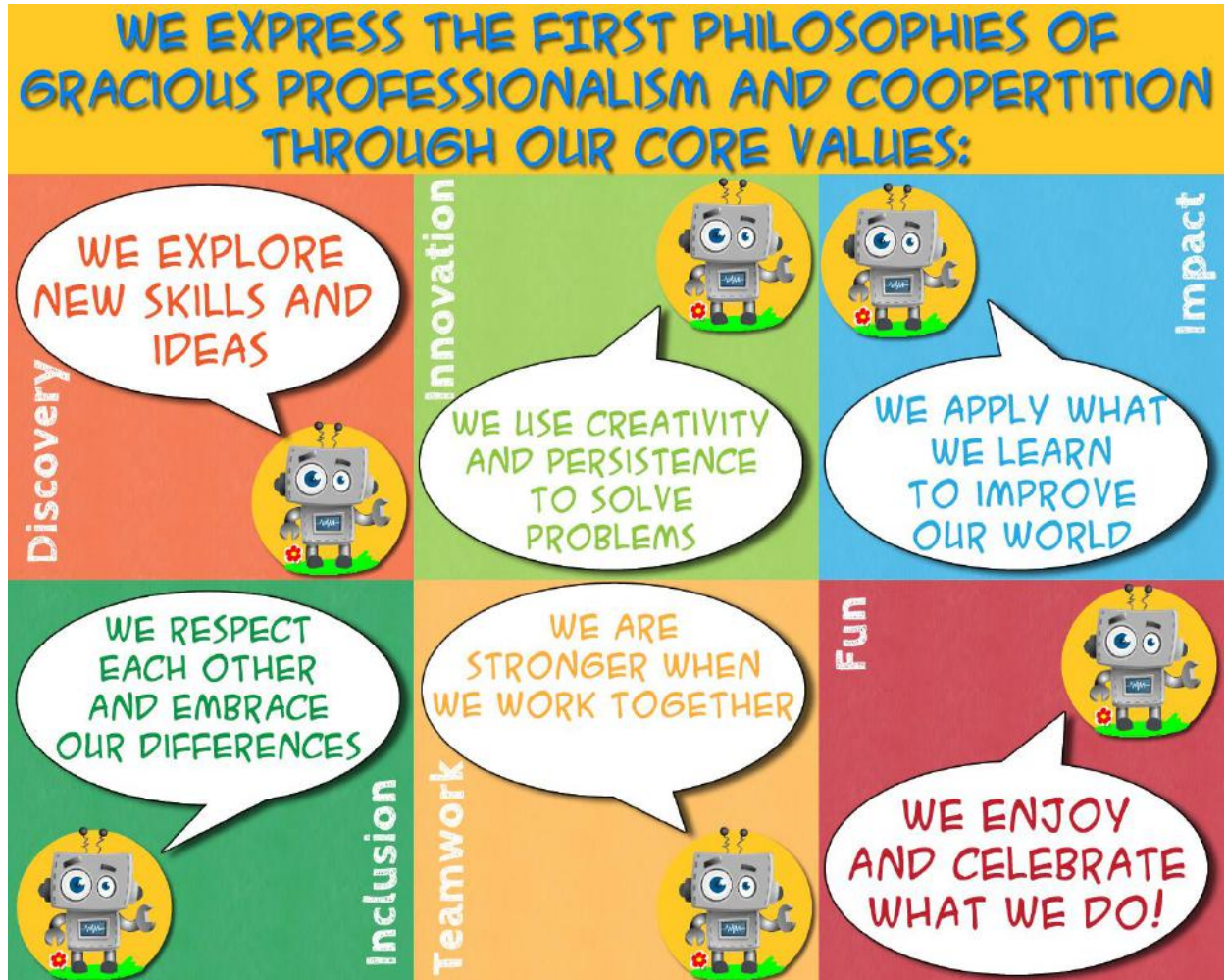
The Robot Game and Project are what teams do.

The Core Values are *how* they do it.

# THE FIRST CORE VALUES ARE YOUR TEAM'S GUIDE

- The Core Values were updated in 2018
- These Core Values are consistent across all four FIRST programs
- This graphic is available for teams to use:

<https://www.facebook.com/media/set/?set=a.589364151426694.1073741832.588716398158136&type=1&l=1bd0c4767f>



# GRACIOUS PROFESSIONALISM



“Learn and compete like crazy, but treat one another with respect and kindness”

Dr. Woodie Flowers, FIRST Distinguished Advisor

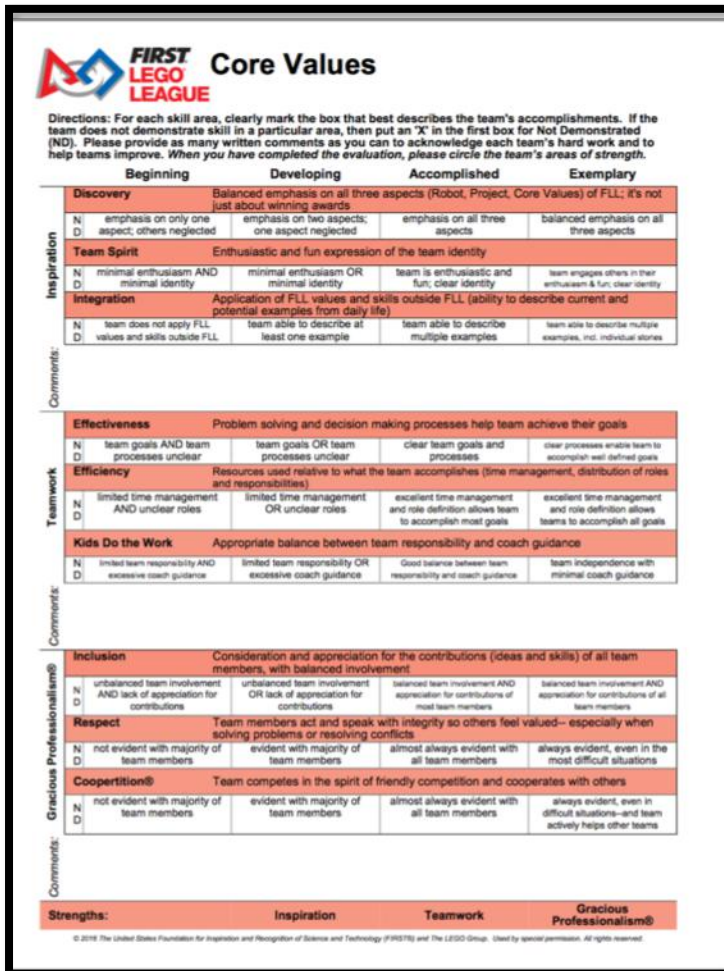
# COOPERTITION



“Teams can and should help and cooperate with each other even as they compete”

Dr. Woodie Flowers, FIRST Distinguished Advisor

# TERMS USED IN THE CORE VALUES RUBRIC



**FIRST LEGO LEAGUE Core Values**

Directions: For each skill area, clearly mark the box that best describes the team's accomplishments. If the team does not demonstrate skill in a particular area, then put an 'X' in the first box for Not Demonstrated (ND). Please provide as many written comments as you can to acknowledge each team's hard work and to help teams improve. When you have completed the evaluation, please circle the team's areas of strength.

	Beginning	Developing	Accomplished	Exemplary
Inspiration	<b>Discovery</b> Balanced emphasis on all three aspects (Robot, Project, Core Values) of FLL; it's not just about winning awards			
	N D	emphasis on only one aspect; others neglected	emphasis on two aspects; one aspect neglected	emphasis on all three aspects
	N D	minimal enthusiasm AND minimal identity	minimal enthusiasm OR minimal identity	team is enthusiastic and fun; clear identity
Teamwork	<b>Integration</b> Application of FLL values and skills outside FLL (ability to describe current and potential examples from daily life)			
	N D	team does not apply FLL values and skills outside FLL	team able to describe at least one example	team able to describe multiple examples
	N D	team goals AND team processes unclear	team goals OR team processes unclear	clear team goals and processes
Gracious Professionalism®	<b>Efficiency</b> Resources used relative to what the team accomplishes (time management, distribution of roles and responsibilities)			
	N D	limited time management AND unclear roles	limited time management OR unclear roles	excellent time management and role definition allows team to accomplish most goals
	N D	unbalanced team involvement AND lack of appreciation for contributions	unbalanced team involvement OR lack of appreciation for contributions	balanced team involvement AND appreciation for contributions of most team members
Strengths	<b>Kids Do the Work</b> Appropriate balance between team responsibility and coach guidance			
	N D	limited team responsibility AND excessive coach guidance	limited team responsibility OR excessive coach guidance	Good balance between team responsibility and coach guidance
	N D	not evident with majority of team members	evident with majority of team members	almost always evident with all team members
Comments:	<b>Inclusion</b> Consideration and appreciation for the contributions (ideas and skills) of all team members, with balanced involvement			
	N D	not evident with majority of team members	evident with majority of team members	almost always evident with all team members
	N D	not evident with majority of team members	evident with majority of team members	almost always evident with all team members
<b>Strengths:</b> Inspiration Teamwork Gracious Professionalism®				

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- Look closely at the Rubrics and understand the meaning of each term:
- **Discovery:** Equal time on all parts of FIRST LEGO League
- **Team Spirit:** Having your own identity
- **Integration:** Using what you learn in FIRST LEGO League outside FIRST LEGO League
- **Teamwork:** Being able to work together effectively, and efficiently without coach help
- **Inclusion:** Making sure all team members are included
- **Respect:** Valuing each member
- **Coopertition:** Helping others and accepting help from others, working with other teams

# DISPLAYING COOPERTITION IS IMPORTANT

- Why is it important?
  - It encourages learning from your teammates, competitors, and mentors
  - It is what makes the FIRST program different
- Many ways to show Coopertition
  - Lending a team a part if they need it, even if it helps them to score higher
  - Inviting teams to your house to teach them how to make better projects and teach them your robotics skills
  - You don't solve the challenge for them and provide solutions. Instead, you inspire them and show them how to discover their own solutions



# WHY DO OUTREACH ACTIVITIES?

- Give back to the community
- Share your knowledge
- Share your passion for FIRST and STEM
- Encourage other students and adults to participate in FIRST





# JUDGING CORE VALUES - OVERVIEW

- Judges present a team activity
- The team will then get to present their Core Values poster
- Judges will ask follow-up questions about events presented on poster, and additional questions about applying core values outside of FIRST LEGO League



# MOST IMPORTANT: EMBRACE CORE VALUES

- Core Values is not just something you do.
- It is a way, a **METHOD** of doing things that builds character and guides us throughout the whole experience!



# CREDITS

- The primary author of this lesson is Vicky Zhai from FTC 9873. Additional information from Christopher Haines and Chris Baker was incorporated into the lesson.
- More lessons for FIRST LEGO League are available at [www.flitutorials.com](http://www.flitutorials.com)



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