

FIRST[®] LEGO[®] League

TUT***RIALS***

teach

share

learn

INTRODUCTION TO CORE VALUES

VICKY ZHAI, FTC 9873

CORE VALUES

ROBOT DESIGN

Your team will prepare a **short presentation** on your robot design, programs, and strategy.

INNOVATION PROJECT

Your team will prepare a **5-minute presentation** to explain your Innovation Project.

ROBOT GAME

Your team will practice the **2.5-minute matches** to complete as many missions as possible.

CORE VALUES

Your team will demonstrate **FIRST® Core Values** throughout your season and beyond!

The Robot Design, Innovation Project and Robot Game are what teams DO.

The Core Values are *how* they do it.

FIRST CORE VALUES

FIRST® Core Values



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

BEGINNING Minimal examples observed across the team. 1	DEVELOPING Some examples observed across the team. 2	ACCOMPLISHED Multiple examples observed across the team. 3	EXCEEDS 4
DISCOVERY - Team explored new skills and ideas.			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
INNOVATION - Team used creativity and persistence to solve problems.			
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IMPACT - Team applied what they learned to improve their world.			
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INCLUSION - Team demonstrated respect and embraced their differences.			
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TEAMWORK - Team clearly showed they had worked as a team throughout their journey.			
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FUN - Teams clearly had fun and celebrated what they have achieved.			
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- Look closely at the Rubrics and understand the meaning of each term
- How will your team demonstrate that you understand the Core Value and used it?

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



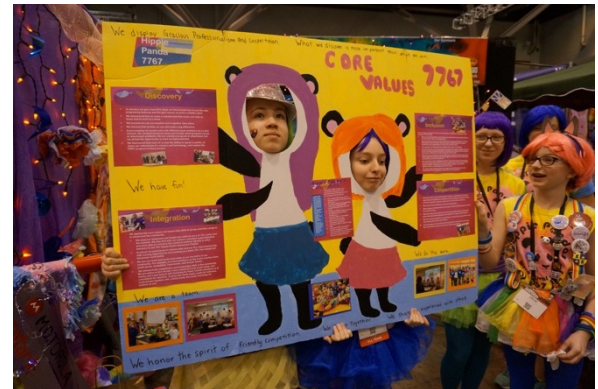
WHY DO OUTREACH ACTIVITIES?

- 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 may ask you to do a team activity if this is required in your region
- If your region requires a Core Values poster, you may be asked to present this in a short presentation
- Judges will ask questions to help them fill in the rubric



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.flltutorials.com



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