

# ***FIRST<sup>®</sup> LEGO<sup>®</sup> League*** ***TUT*** ***RIALS***

teach

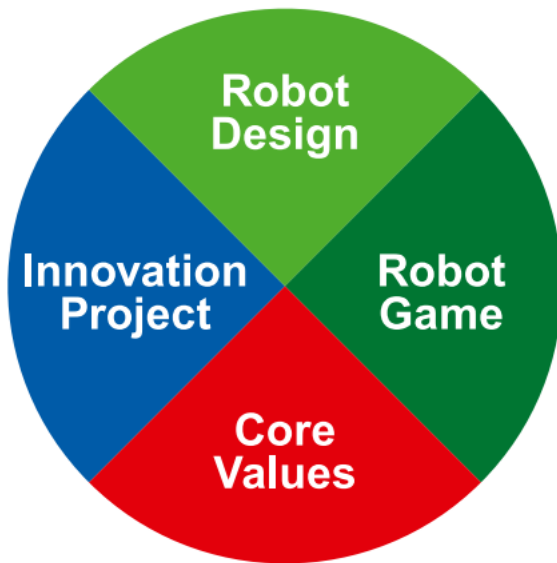
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learn

## THE IMPORTANCE OF CORE VALUES

FTC 9873

# CORE VALUES: HOW IT FITS TOGETHER



## ROBOT DESIGN

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

## ROBOT GAME

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

## INNOVATION PROJECT

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

## 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

- There are six Core Values that are applied through all the *FIRST* programs



We are stronger when we work together.



We respect each other and embrace our differences.



We apply what we learn to improve our world.



We enjoy and celebrate what we do!



We explore new skills and ideas.



We use creativity and persistence to solve problems.

# LEARN THE TERMS USED IN THE CORE VALUES

We express the *FIRST* philosophies of **Gracious Professionalism** and **Coopertition** through our Core Values:

- **Discovery:** We explore *new skills and ideas*.
- **Innovation:** We use *creativity and persistence* to solve problems.
- **Impact:** We *apply what we learn* to improve our world.
- **Inclusion:** We *respect each other* and embrace our differences.
- **Teamwork:** We are stronger when we *work together*.
- **Fun:** We *enjoy and celebrate* what we do!

# WHAT IS GRACIOUS PROFESSIONALISM?

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

Dr. Woodie Flowers, *FIRST* Distinguished Advisor

# WHAT IS COOPERTITION?

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

Dr. Woodie Flowers, *FIRST* Distinguished Advisor

# WHY IS COOPERTITION 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



# 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
- It should be something you implement every day and at every meeting, not just for the judges!





# HOW DO YOU APPLY THESE CORE VALUES?

Here are some ideas for getting started:

**Gracious Professionalism:** Be kind to others on the team, thank volunteers, help set-up at events, etc.

**Coopertition:** Help your competitors when they need it

**Discovery:** Try new things. Be willing to learn.

**Innovation:** Persevere even when one of the missions is hard and find a solution to the problem (e.g. think of a new way to solve that mission)

**Impact:** Take what you have learnt and use it to educate/help someone else? (e.g. maybe you taught a programming camp in your community)

**Inclusion:** Make sure that everyone on the team is involved and feels valued, and include everyone in judging presentations

**Teamwork:** Make decisions together, share the workload

**Fun:** Come up with a team identity and do something fun together.

# 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](http://www.flltutorials.com)



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