FLL Mission Patch
Core Values Activity: Developing a Team Identity
#whatsyourmission

Objectives:
- ✓ As a team, identify core attributes that represents the team's identity.
- ✓ Using core attributes, illustrate a mission patch that follows requirements.

Materials:
- ✓ Pencil
- ✓ Lined paper
- ✓ Crayons/colored pencils
- ✓ Scissors
- ✓ Mission patch template (attached)

Tiger Tech Mission Patch Example

Instructions to Team: Developing a team identity is important because it helps your team understand who they are and what they represent. Your goal is to create a mission patch to represent your team identity. Below are sample NASA mission patches that are to be used as examples.

Apollo 11
First manned spacecraft to leave Earth's orbit, reach Earth's moon, orbit it and return to Earth.

STS 131- Discovery
Discovery delivered a multi-purpose logistics module filled with science racks that were transferred to laboratories on the International Space Station.

STS 37- Atlantis
The primary payload, the Gamma Ray Observatory (GRO) was deployed. The GRO was deployed manually by astronauts Ross and Apt due to failure of the antenna.

MSL- Curiosity Rover Mission
With its rover named Curiosity, Mars Science Laboratory was designed to assess whether Mars ever had an environment able to support small life forms called microbes. In other words, its mission is to determine the planet's "habitability."

Mission Patch Resources:
https://history.nasa.gov/shuttle_patches.html

1. In order to develop a team identity, every member of the team must brainstorm a list of common denominators, or factors, that your team represents. Think about it. Use lined paper to brainstorm.

Thoughts to consider: What is your team known for? How is it involved in your community or with other FLL teams? Does your team have a logo or colors that signify importance? Is your team known for an accessory, such as a hat? Is there a nickname or cheer that your team has?

Read more on developing a team identity at EV3 Lessons:
http://flltutorials.com/translations/en-us/CoreValues/TeamIdentity.pdf

2. Once a brainstorm list is created, each individual team member can create a mission patch or design it together as a team. Simply print the template on next page on any type of paper (white cardstock is best). The final patch must include the following:

Mission Patch Requirements:
- ✓ Create patch on either of the templates provided (circle or triangle).
- ✓ Include the last names of the team members, team name, and team number in the design.
- ✓ A clear team identity is illustrated on the patch.
- ✓ Illustration is best if it is hand-drawn.

Notes: Teams participating during the 2018 FLL season, please meet the following requirements and submit to the Tiger Techs to be showcased at the Pittsburgh FLL Championship Tournament. Teams from any region or county is able to participate.
- ✓ Illustration must be hand-drawn.
- ✓ On the back, clearly print team name, number, and location of team.
- ✓ One patch per team can be submitted.
- ✓ Please cut out patch upon submission.
- ✓ Submit original design or color copy on or by December 1, 2018 to be showcased at the Pittsburgh Championship FIRST LEGO League Tournament on December 8, 2018.

Submission Options: Submissions must be received by December 1 and can be sent by either:

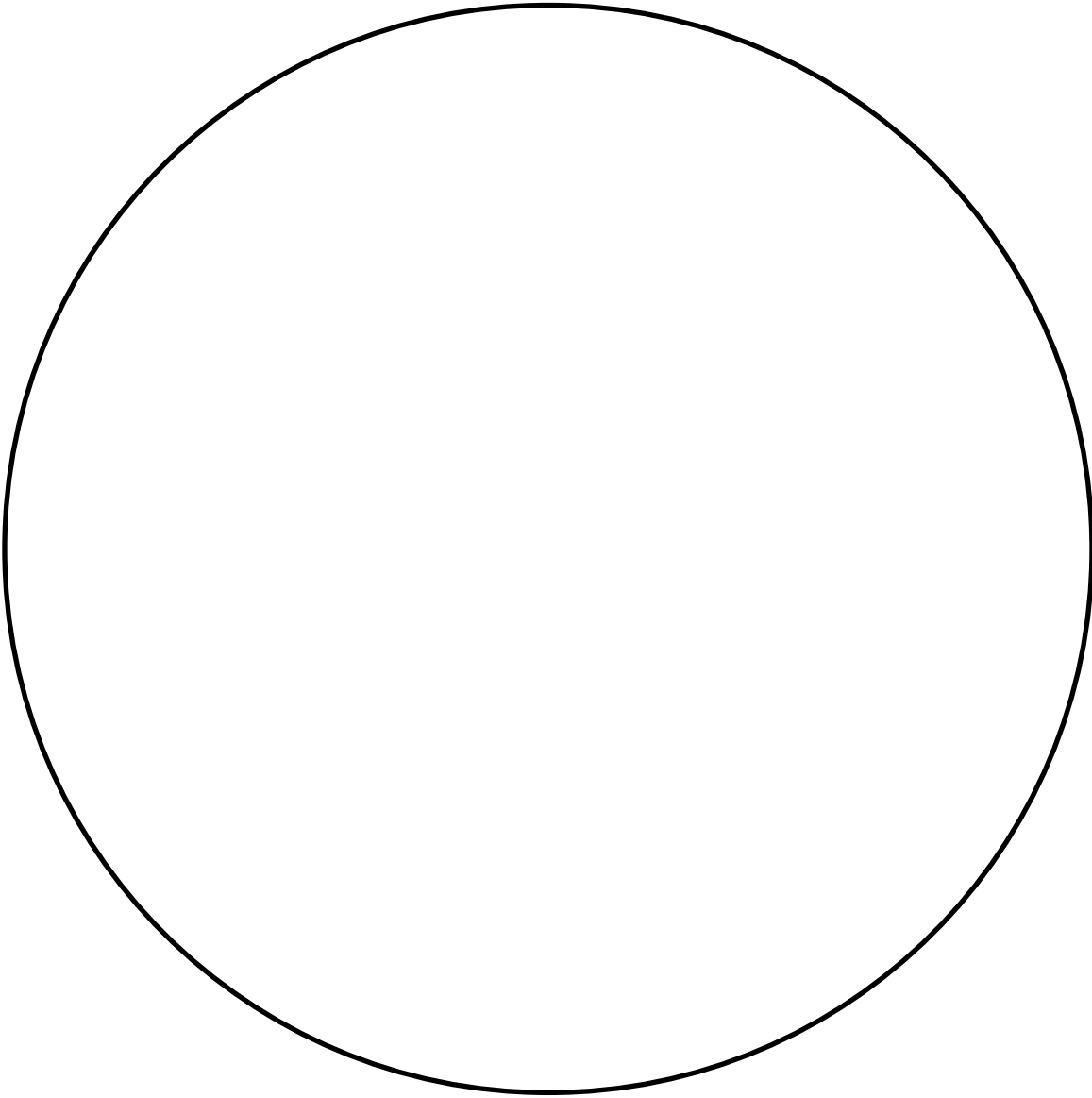Online: ***Building Blocks for Core Values*** - Facebook Page
Please include the team name, number, and location along with the hashtag **#whatsyourmission**.

Mail: **Case Avenue Elementary School**
Attention: Tiger Techs Robotics Teams
36 Case Avenue
Sharon, PA 16146

Questions can be sent to: tigertech@sharonsd.org
FLL Mission Patch activity can be found on www.tigertechsrobotics.com

Mission Patch Design #1

Mission Patch Design #2