

## FIRST Lego League Team Applicants:

Saint Mary FLL Challenge team wants members who work hard, have fun and can commit to being a positive member of the team. The team consists of six students. Teamwork is the most important aspect of FLL.

The team practices Tuesdays and Thursdays from 3 to 5 pm. Meets take place on Saturdays and will last all day. We compete with teams from Pensacola to Tallahassee. We will attend 2 meets in Okaloosa County.

The theme this year is Masterpiece. Please complete the following items and turn them in to Mrs. Neiger by Tuesday morning, September 5, 2023. Team members will be notified Monday afternoon and practice will begin Thursday, September 7, 2023.

1. Bullet points/outline of a proposed project.
  - a. FIRST Lego League Research Project: Masterpiece  
(<https://firstinspiresst01.blob.core.windows.net/first-in-show-masterpiece/fll-challenge/fll-challenge-masterpiece-challenge-overview.pdf>)
  - b. Directions: Identify a specific problem related to sharing your hobby or interest. Outline a method to share it with others so that they can enjoy it. Please include any professionals that you would like to talk to about your project. For example, an artist, dancer, theater director or museum curator.
2. What does teamwork mean to you?
3. There are many roles and responsibilities that need to be filled by the members of the team in order to have a successful season. Read through the list of possible team roles and responsibilities listed below and then write a paragraph summarizing how you think you would be able to excel in one or two of these roles.

### Team Roles and Responsibilities:

- Researching – Gather information about the Challenge theme, related real-world problems and existing solutions. Invite professionals to share their knowledge with the team.
- Presenting – Design a creative presentation to show the judges your team's work on the Project.
- Strategy Analysis – Analyze the robot playing field and formulate various methods for accomplishing the missions. Lead the effort to establish a consensus on the final strategic plan and think about risks and rewards of different strategies.
- Building – Make decisions about building and work for consensus on the mechanical design of the robot among team members.
- Programming – Make decisions about programming and for consensus on programming for the robot.
- Project management – Get everyone focused, make sure everyone's ideas are heard, find compromises, and keep everyone on schedule with a timeline.
- Documentation – Record and document the entire team's thoughts, actions, failures and successes throughout the FLL season in a journal, scrapbook,

storyboard, or other form you can display at events. During the season, these records help the team to organize information for decision making. At events these are excellent ways to showcase the team's activities, teamwork, and spirit for the judges and event attendees.

Robot Game video: [https://www.youtube.com/watch?v=zI\\_vz9YUw1g](https://www.youtube.com/watch?v=zI_vz9YUw1g)