

Robotic Eagles: BLS First Lego League Robotic Team



Bishop Leibold is proud to have a Robotics Team that competes in the FIRST LEGO® League. The team is formed of interested 6-8 Graders who meet after school once a week for three months.

FIRST LEGO® League (FLL) is a collaboration between the LEGO® Company and FIRST, a non-profit organization committed to creating robotic competition programs that will excite and inspire children from Kindergarten through high school to excel in math and science.

FLL is a multi-disciplinary program that combines engineering, computer programming, problem solving, researching, presenting and teamwork. Teams of three to ten students work to build and program a robot to complete a number of tasks in a 2.5 minute robot round. Robot design, programming and problem-solving strategies are evaluated by Design Judges. Project Judges examine the research project, solution and outreach, and Teamwork Judges gauge how well the group functioned as a team.

Each year the competition is based on the theme. In 2010 the challenge theme was "Body Forward" where teams explored the cutting-edge world of Biomedical Engineering to discover innovative ways to repair injuries, overcome genetic predispositions and the body's potential.

In December of 2010, our team placed second at the First Lego League Regional Competition held at Sinclair Community College and received an invitation to compete among 60 teams in the state of Ohio for the State Championship.

They also received the Research Award for their solution in developing a moveable ankle for a prosthetic leg. This team was coached by teachers Beth Allaire, Joyce Kerschner, and Jill Klimaski.

