



**Information for Lego League and Mindstorms
Sand Springs Elementary Team
For Fifth and Sixth Graders**

We are starting FLL teams here at Sand Springs Elementary. We will accept approximately 36 students. About 3 students will be on a team. We will do a school competition that all teams will participate in. FLL teams will be taught by two teachers from Sand Springs Elementary: Melissa Skousen and Terra Moss, plus, a parent, Heather Purser and Hill Air Force Base personnel, Jeff Wiggington. Lego League and Mindstorms are two different competitions and two different sessions. You have to do First Lego League to be in Mindstorms.

What is FLL? This is a Lego League team of students who are interested in robotics, engineering, technology, coding, math, and science. We will be using Legos to construct a robot and will program the robot to perform certain tasks. A school-wide competition will take place in March. Interested students will write a paragraph about why they would like to participate in Lego League. The teachers will be working together to select the teams.

The cost per student will be \$50.00 (payable to Sand Springs) for the robots, competition, and related expenses. Interested students should have their parents sign the permission slip and are due by January 20th. We will NOT accept any late permission slips after the 20th. We will let you know by email by January 25th if your student will be participating in Lego League. Bring your money on the first day of Lego League or as soon as you know you will be part of the Lego League for 2021.

What is Mind Storms? The 5th grade competition is called “Amazing” and will learn how to program a robot to drive through a maze. The 6th grade competition is called “Sumo” and students will learn how to stay on a circular platform while pushing their opponent off. The best part about this competition is that it will be two students to one robot. They get a lot of one-on-one time with the robot. The competition is held at Lagoon in May, where we will compete against other schools throughout the state.

Students will be selected from the FLL competition to make the Mind Storms teams. During FLL teachers will be observing students that work well in a team, understand the programming of a robot, participate, and attend all necessary meetings. As of now, 32 students will be able to participate in Mind Storms.

The cost per student will be \$50.00 (payable to Sand Springs) for the robots, competition, and related expenses. This will not be paid until students have been chosen for the Mind Storms Team. This will be the second section and is separate from FLL.

