



Internal Memo

October 17, 2019

TO: Mayor and City Council

FROM: Mark C. Meyers, City Administrator 

SUBJECT: Lincoln Park Elementary School Robotics Team

The fourth and fifth grade "Robo Sailors" robotics teams from Lincoln Park Elementary school have requested to make a presentation to the City Council. The team is made up of Lauren Buboltz, Brayan Clarke, Lincoln Clausen, Jacob Dusenberry, Ethan McDonald and Will Renkema and coached by Ben Clarke and Cathy Brubaker-Clarke. Their sponsor is Kaydon. Alan Batka, an engineer with Kaydon, as well as Ethan Haynes from the Mona Shores High School robotics team are assisting with this team.

The team is participating in their first Lego League, a global robotics competition, that challenges students ages 9 to 16 in research, problem solving and engineering. The program emphasizes team work, discovery and innovation. Students become more confident, excited and equipped with skills that they need in a changing workforce. This year's theme is "City Shapers". The presentation to City Council is a "warm-up" for the competition being held on November 16. The Robo Sailors have two portions to their challenge: 1) a robot programmed to complete various missions; and, 2) the team members must complete a second mission of their choosing. This is the focus of the work session presentation.

The mission they chose was to access pollution in urban areas. Their site is Nugent Sand. The team is proposing a housing development with a public playground that is run on alternative energy. They have five minutes during the challenge to present their project.

The presentation will be good practice for the team and provide us with a glimpse into our community's future workforce and leaders!

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