

To: Board of Education

From: Jerri Kemble, assistant superintendent, innovation & technology, ext. 2755
Patrick Kelly, director, career & technical education, ext. 2405

Re: Team STEAM Summer Robotics Camps

Date: May 4, 2017

Background:

The local FIRST robotics team, Team STEAM, is requesting to host a summer camp teaching sixth- through eighth-graders to build and program small robots. Students will learn to wire motors, program using C# and the Raspberry Pi, and participate in team competitions. These team competitions will include the formation of alliances to drive the robots, complete tasks, and earn points. Students will also learn to collaborate in a small group setting, working within their groups and with other groups.

Team STEAM is a districtwide robotics team led by Lawrence High information technology teacher and sponsor, Johnny Paradise, and is housed at the Lawrence College & Career Center.

Rationale:

The team has developed a proposal for two camp sessions, June 26-30 and July 10-14, to be held daily from 9 a.m.-3 p.m. at the Lawrence College & Career Center. The camps are open to all sixth- through eighth-grade students in Douglas County and the maximum enrollment is 30. Registration is \$100 per student and will cover the costs for equipment and staffing. Adult staff and student helpers will be paid through district payroll in accordance with established summer school rates. A limited number of reduced fee registrations will be available at a cost of \$50, which will be determined by student need and approved by LCCC administration.

Recommendation:

Administration recommends board approval for the creation of summer robotics camps for sixth- through eighth-graders at the Lawrence College & Career Center to be held June 26-30 and July 10-14, 2017 and a camp fee of \$100/\$50 reduced fee.

Motion:

"I move the Board of Education approve two robotics camps for students in grades six through eight to be held in summer 2017 at the Lawrence College & Career Center."