

Friday Report: November 1, 2013

Subject: Jackson High School FIRST Robotics

Strategic Target: 5.1a

Date Submitted: October 29, 2013

Submitted by: STEM Leadership Team

The Jackson High School For Inspiration and Recognition of Science and Technology (FIRST) Robotics team set a goal this year to increase students' expertise in the engineering world. The team began the year with a competition to encourage girls to take leadership roles by attending the Girls Generation competition on October 12, 2013 at Tahoma. The team competed with twenty four other teams and was awarded the Spirit award for exhibiting spirit and teamwork during the competition.

The FIRST team continues to work with Boeing Engineers and local businesses to provide workshops for the students. Workshops and activities have been planned during the week most evenings and Saturday afternoons. Through these classes, students work with advanced engineering concepts making connections to their current math and science course work (engineering math, statics, free body diagrams, force, torque etc.). Along with the classes and workshops, an hour has been added to every meeting devoted to students working in teams to solve an engineering challenge and presenting their results to the team.