

MW18-008
(E-Motion)

October 3, 2018

To: SPEEA MW Council
From: Chris Streckfus, MW Treasurer

Subject: MW Council Support of the Kapaun Mount Carmel BEST Robotics Team

Background

The SPEEA Mid West Council has been requested to support this High School STEM activity.

Mid West council approved creating a fund in our 2018-19 budget as to directly support STEM activities at the High School level in addition to financially supporting the overall activity. This request is for a portion of the \$5000 "STEM High School Sponsorship" 2018-19 budget line item 97.

BEST was started in 1993 in Texas. Kansas BEST began in Wichita in 1999. Kapaun started competing in 2002. I've been mentoring the Kapaun BEST robotics team since then.

In a BEST competition, each school gets the same kit of raw materials and remote control system. The teams can also supply a limited amount of other approved items.

At the kickoff, all of the teams learn of the scope of the competition, scoring, and rules at the same time. The teams then have to build a robot over the next 5 weeks and be at the "Mall Day" practice session on the 5th Saturday.

The team is required to keep and submit a team notebook. All of the design, build activities, outreach/community activities, goals, etc. are documented in a notebook. They also set up a booth at the competition to show off their design process.

The competition is held on the 6th Saturday. They are orchestrated to resemble a sports event complete with cheerleaders, families, noisemakers. All of the teams wear t-shirts that are created specific for that year's competition. The Kapaun teams have gone to regionals several times.

Kapaun Mount Carmel is not known for being an Engineering school nor does it have a "shop" area or class. All of the tools they have were either bought from donations or directly donated.

This year, the team is requesting funds to purchase their 2018 team t-shirts, new cordless hand tools, and other hand tools.

They will include SPEEA logos on their booth, game field workstation, and robot (if allowed).

Motion

It is moved: **THE SPEEA MW COUNCIL AUTHORIZES \$1,000 FROM THE \$5,000 STEM HIGH SCHOOL SPONSORSHIP BUDGET ITEM TO SUPPORT THE KAPAUN MOUNT CARMEL BEST ROBOTICS TEAM'S PURCHASE OF TEAM T-SHIRTS AND NEW TOOLS.**