



Grant Review Report - 2017

1. **PLTW Biomedical Sciences Equipment**, East & West High School
Amount Requested: \$54,939 Amount Recommended: \$54,939

East & West high schools would like to expand their Project Lead the Way programming to include Biomedical Science. This new programming will offer lots of new coursework, some with college credit, including Intro to Health Occupations, Human Body Systems, Medical Interventions, Emergency Care and a Health Career Internship. The grant includes collaboration and in-kind support from Mankato Clinic, Mayo Clinic Health System, Ecumen, Monarch Meadows, MNCEME/STEM Outreach, Rasmussen College, South Central College, MSU, PLTW & Healthforce MN. Funds will be used to purchase the equipment, supplies and materials necessary to teach these new courses. Our committee is very excited about the impact that this grant will have. It will provide real-world authentic experiences to students that fosters engagement and learning in an area of high demand.

2. **Get Fit, Stay Fit**, 2 elementary schools
Amount Requested: \$48,860.80 Amount Recommended: \$10,000

This request is for a Heart Zone System that would be utilized during physical exercise to monitor each student's heartrate, amongst all elementary schools, K-5. Their vision is to use this technology to equip students with the knowledge to be heart healthy in their lives, and in the future. Funds would be used to purchase armbands & other hardware to monitor/display heartrate. The Educare Foundation would like to fund \$10k of this request so that necessary software and hardware can be purchased to equip 2 elementary schools. This way those two schools can pilot this technology and share with other buildings.

3. **Central High School Career Technical Education**, Central High School
Amount Requested: \$15,312.56 Amount Recommended: \$10,000

Funds are being requested to make enhancements in the Construction & Woodworking program at Central High School. By updating this equipment, we will be providing students with a facility that will foster creativity & innovation while preparing students to use critical thinking, problem-solving skills and become job-ready. Funds will be used to purchase equipment such as routers, jigs, cutter heads, bit sets, sharpeners, and other shop essentials. The Educare Foundation would like to fund as much of this grant as remaining budget allows.

4. **MakerSpace**, Franklin, Jefferson, Kennedy, Monroe & Washington Elementary
Amount Requested: \$13,879.75 Amount Recommended: \$13,879.75

This request comes from Tracy Brovold, the Director of Education Technology and the 5 Media Specialists from the above-named elementary schools. The objective of this grant is drive the 4 C's: creativity, critical thinking, communication & collaboration. Within the 5 buildings media spaces will be used as MakerSpaces, with various stations of learning. MakerSpace activities will include the latest in technology with 3D printing and printing pens, LittleBits robotics kits, Osmo game systems, ect. These items will be used K-5 and available for all teachers. As part of the generous donation from Jack Link's we would like to happily fund this grant in full.

Initiative Grants Funded in 2009 – \$54,259
Initiative Grants Funded in 2010 – \$56,000
Initiative Grants Funded in 2011 – \$50,723
Initiative Grants Funded in 2012 – \$56,999
Initiative Grants Funded in 2013 – \$63,146

Initiative Grants Funded in 2014 - \$55,000
Initiative Grants Funded in 2015 - \$64,209
Initiative Grants Funded in 2016 - \$43,626
Initiative Grants Recommended for 2017 - \$88,819.
Total Initiative Grants Funded since 1995 - \$893,261