

NEW Manufacturing Alliance

STEM Meeting

April 27, 2017

Sargento - Plymouth

3 p.m. – 4:30 p.m.

Minutes

ATTENDEES: Steve Cahoon-Sargento, John Davister-Services Plus, Mike Dietrich-LAB Midwest, Todd Hunt-Plymouth Middle School, Matt Kirchner-LAB Midwest, Shannon Niccum-Nestle, Janet Rankin-KI, Ann Troka-Sargento, and Ann Franz-NEWMA

Topic 1: Presentation from Matt Kirchner from LABS Midwest

LAB Midwest provides curriculum-based learning systems in technical education including Amatrol, FANUC, LJCreate, and others. The company provides curriculum and equipment for both K-12 and Technical and Community Colleges throughout the Midwest. The focus is in advanced manufacturing, automation, and industrial technology. Matt shared that the most important factor in a student's career pathway is influenced by their interests and experiences during Elementary, Middle and High School. The taskforce discussed opportunities to promote these experiential learning opportunities with schools throughout the region. There was discussion on opportunities to embed Get Real Math into LAB Midwest's curriculum. LAB Midwest is also building a tech center in Mequon that will be open in summer 2017.

Topic 2: Get Real Math Videos planning

The four companies being filmed: KI, Marinette Marine, Nercon Eng. & Mfg., Rockline Industries.

Timeline:

Initial brainstorming meeting with companies in April

Filming dates:

5/31 at 1 p.m. – 5 p.m. at KI

6/7 at 8 a.m. – noon and then from 1 p.m. – 5 p.m. at Nercon and Marinette Marine

6/22 – film at Rockline Industries

Updated website for Get Real Math will go live by May 4, 2017. The upgraded website will include search features. An informational postcard for Get Real Math will be sent to every 4th grade – high school math teachers in northeast Wisconsin by May 15, 2017.

Topic 3: Get Real Math Movie Premiere

The Get Real Math Movie Premiere will be held at the Meyer Theatre in Green Bay on 10/3/17. Originally the taskforce was considering the Sheboygan area for the premiere, since there were 2 companies being featured in the videos. One of the companies had to pull out of the project, so now there are more companies in the northern part of the New North. For this reason, the video premiere will be in Green Bay.

Topic 4: STEM Network

Kelly Ellis and Ann met to discuss how to partner together, specific to the Get Real Math videos. Kelly will be adding the Get Real Math website to its' portal. College interns will work on determining what science kits have math skills that correlate with the Get Real Math videos. The Einstein Project will then add the curriculum as an extended learning for the teacher. In addition, Kelly will have the interns review how to enhance their curriculum to add career videos that are part of the Alliance's All Stars. Kelly and Ann also discussed the possibility to develop math kits, like the science kits that the Einstein project has for schools related to the Get Real Math videos. Kelly will attend the next STEM taskforce meeting to discuss next steps.

Ann shared that she serves as the chair of a Sheboygan county industry/education committee that is working with teachers in learning what curriculum they need and developing strategies to address students' knowledge of careers.

Topic 5: Spring events

- FVTC and Valley Christian School in Oshkosh partnered for a great student learning event. Students were divided into two groups of 50, based on their interests. Students had the opportunity to do various hands-on activities at FVTC such as welding, nesting parts, and creating a shelf. A pizza lunch was provided. Private school kids generally have fewer opportunities to participate in tours.
- The first-ever Partnership Breakfast was held in Oconto on April 4. The event united businesses and schools. Businesses communicated the K-12 outreach they would be doing during the upcoming school year.
- Andy Bushmaker and Ann will be speaking about the GRM videos on May 5 at the Wisconsin Mathematics Council Conference.
- Student Learning Partnerships - Manufacturer & School
 - Nature's Way & Preble High School
 - Sofidel America & Bay Port High School
 - KI & Bonduel High School
 - Oconto Falls High School & Nercon Eng. & Mfg., Inc.

Topic 6: Next agenda and meeting location/date

The taskforce will meet the fourth Wednesday of the month at 3 p.m. **The next meeting will be held on Wed., May 24 at 3 p.m. at Services Plus.**

Topic 7: Tour of Sargento