

**NEW Manufacturing Alliance
K-12 TASK FORCE MEETING MINUTES
Nercon Eng. & Mfg. – Neenah, WI
Friday, May 6, 2016 – 8:30 to 10:00 AM**

ATTENDEES: Lynn Aprill-CESA 8, Doug Bengson-Schenck, Andy Bushmaker-KI, Connie Heise-Nature's Way, Nikki Kiss-INSPIRE, Sondra LaCoy-Nercon, Michele Martin-Bemis Company, Bobbi Miller-FVWDB, Oran Nehls-Denmark H.S., Chris Rasmussen-Ansay & Associates, Jennifer Rauscher-Plymouth H.S., Andrew Rinke-FVTC, David Schultz-Greater G.B. Chamber, Ann Franz-NEWMA, Debbie Thompson-NEWMA

Members were encouraged to nominate for the excellence awards, as the deadline is June 10.

GET REAL MATH

Get Real Math video filming will take place on June 22, 23 and 29.

The videos will have some of the following topics/focus:

- Nercon will feature radius, Pythagorean theory, and measurements.
- Ariens will feature quadratic, probability, angles and trig. Two of the videos will be solving a problem on how a snow blower can throw snow at a particular angle and distance.
- Georgia Pacific will feature laser guided forklifts – using measurement and geometry, cost and how many hours/day would it have to run to pay a new machine off and how many rolls of toilet paper can we get out of a parent roll (it's huge as tall as a person)?

Members agreed to hold the 2016 Math Movie Premiere at the Meyer Theatre in Green Bay. The proposed 2017 premiere will be held outside of Brown County, possibly in Sheboygan. Yearly sponsorship opportunities include four cash awards for schools and the cost of the hors d'oeuvre reception.

NEWMA ACCREDITATION CERTIFICATE

Ann reported only one person volunteered to participate on this subcommittee. To move forward, the employer and student must benefit in the long-run. Advantages of developing a NEWMA accredited certificate include the following.

- Hiring preference could be given to applicants who successfully complete the certificate.
- Certification could assist students in determining their educational goals.
- Students who successfully complete the certificate can receive points toward NEWMA scholarships.
- A recognition event can be held for students who complete the certificate, followed by a job fair for graduating seniors.
- If DPI recognizes the certification, schools can receive \$1,000 per student who complete the certification.

NEXT STEPS

- ✓ Continue to recruit members for this initiative.
- ✓ Develop a member survey to establish member interest, needs, and certificate value. Survey results will determine whether or not to move forward.
- ✓ Establish the framework. Identify what college classes/programs are transcribed at the high schools. YA and employability skills classes could be given credit. Determine other areas of learning where credit can be given.

PROCESS TO CONNECT EMPLOYERS TO SCHOOLS

There is need to determine the number of employers connecting with schools and at what levels. Involvement will be all encompassing, not just manufacturing related. Members reviewed draft survey questions. Metrics will be developed to evaluate growth.

NEXT STEPS

- ✓ Ann will further develop survey questions for review at the July 15 K-12 meeting.
- ✓ The survey will be mailed on August 1.

- ✓ In December, K-12 outreach will be showcased with an emphasis on a call to action for companies to get engaged or involved at a greater level.

PARENT SURVEY ON MANUFACTURING

90% of Americans believe manufacturing is very important to the economy; however, only 1 of 3 parents would encourage their children to work in manufacturing, per a recent Deloitte and Manufacturing Institute survey. Members want to survey parents regionally to get a baseline on their attitude toward manufacturing. Draft survey questions were reviewed. Considerations and suggestions included the following.

- Questions should be few, short and direct. Keep the end goal in mind.
- Send a modified survey to teachers.
- Develop targeted messaging from the results to change misperceptions.
- The survey will be administered every two years to determine if efforts have improved perceptions.

NEXT STEPS

- ✓ Ann will modify the survey for final review at the July 15 meeting.
- ✓ Have the schools send the survey to parents in October.

TECH ED TEACHER CRISIS

There is a critical need for tech ed teachers. Alternatives are being considered to aid in the crisis. A number of members expressed interest in participating on this work product. Ann will be contacting members who expressed interest to setup a meeting. LTC and Lakeland College are working on a possible degree program to meet the need.

NEXT MEETING DATE/LOCATION/AGENDA

There will **not** be a June K-12 meeting due to NEWMA's 10-Year Anniversary Celebration at Lambeau Field on June 6. **The next K-12 meeting will be held on Friday, July 15, 8:30 to 10:00 a.m. at Nature's Way.** Following the meeting, Excellence Awards nominations will be reviewed from 10 to 11 a.m.