

NEW Manufacturing Alliance
STEM TASK FORCE – WEBEX MEETING MINUTES
Wednesday, February 16, 2022 – 3:00 to 3:50 PM

ATTENDEES: Andy Bushmaker-KI, Linda Osterloh-Jacobs Engineering, Laurie Probst-Sheboygan Falls Middle School, Joe Turner-De Pere High School, Ann Franz-NEWMA, Debbie Thompson-NWTC

2022 STEM TASK FORCE PLANNING

- March 8 & 9: Sponsorship of the Green Bay Chamber & Fox Cities Chamber ‘Find Your Inspiration’ Events
- March 16 & 30: Tech Ed Teacher Summit – with Fond du Lac Area Educators
- **April 2: SeaPerch Regional Competition – Volunteer judges are needed.**
- **April 5: You Can Make It Career Expo at Greenville Middle School – Register with Ann for your free exhibit booth.**
- April 14: Tech Ed Teacher Summit in Partnership with NWTC
- **April 27: You Can Make It Career Expo at Lombardi Middle School – Register with Ann for your free exhibit booth.**
- June 21 & 22: Summer Tech Ed Teacher Airplane Experience in Partnership with Fox Valley Technical College
- August: Earn & Learn Program with Signing Day
- October 4: Get Real Math & Science Premiere
- October 25: ACP Partnerships Roundtable
- October 26: Manufacturing First Student Portion
- Earn & Learn Pilot at Green Bay Area Public Schools
- Oshkosh West High School Future 2025 – What will future tech ed departments look like?
- Get Real Math & Get Real Science videos will be filmed. \$3,500 sponsors are needed which includes two videos produced and teacher lesson plans.

April 5 & 27 You Can Make It Career Expos - There will be six, 20 minute rotations in the morning and afternoon. Contact Ann if you are interested in a free exhibit booth and are able to host a hands-on activity for 6-8 students per rotation.

PLANNING: TECH ED TEACHER SUMMITS

The Alliance wants to continue to develop their partnerships with tech ed teachers, as communications and connections are vital. Members discussed potential talking points.

- 2022 Vitality Study Index Results
- Industry 4.0 Survey Results – Share what educators should be focusing on. This gives them guidance when they have to approach their school board with any requests.
- What are the educator gaps and struggles that NEWMA members could assist?
- Have three diversified companies provide their perspectives. Discuss current and future workforce needs.
- Some high school students are going right into the workforce, not attending college. How do we connect with those individuals?
- Companies may want to help educators but may not know where to begin. Preferred communication methods can be discussed.
- How can the Alliance help students determine what they may want to do for a career?
- Explain the skills needed to work in a manufacturing company, including employability skills.
- The depth of ACP focus varies by school. What skills should be taught?
- Share the manufacturing outreach contact list that is shared at the ACP Roundtable meetings.
- This is an opportunity to learn how tech ed departments have changed. Possibly discuss tours of tech ed departments for industry.

A concentrated focus on parents and school administrators is needed. They need to understand what manufacturers are looking for and the opportunities, requiring education and intelligence, that exist. School administrators listen when parents are engaged.

It was noted that it may be difficult for students in band or other activities to be able to schedule tech ed classes. A career counseling expo for parents and students could be held. Parents that work for manufacturers could be recruited to share their experiences.

NEXT STEPS

Ann will put together some questions and ideas for the 3/30 and 4/14 Tech Ed Teacher Summits, including how to engage parents. Members will be asked to rate the questions, indicating their level of significance.

SCHOOL BOARD PRESENTATIONS

Ann would like to talk to the educators before presenting to the school boards. This would allow her to gather more information to better advocate for them.

She will also be reporting to a group of superintendents and will request they contact their school boards to allow for more presentation time. An alternative suggestion was to invite a couple of school board members, in addition to the administrator, if additional time cannot be allotted.

NEXT STEPS

Ann will develop some topic outlines for members to review.

UPCOMING ALLIANCE EVENTS

- February 24 Webinar: Earn & Learn - Noon to 1 p.m.
- March 2: Quarterly Full Membership Meeting – 8:30 to 10:00 AM
- March 30: Webinar - CMMC Compliance for Defense Contractors
- April 2: SeaPerch Competition at Ashwaubenon Community Pool
- April 5: You Can Make It Career Expo – Greenville/Hortonville Middle Schools
- April 14: Tech Ed Teacher Summit at NWTC
- April 19: Taps + Tours Business After Hours at Valley Packaging Industries
- April 27: You Can Make It Career Expo – at Lombardi Middle School

NEXT MEETING DATE/TIME/AGENDA

The next STEM Task Force meeting is on Wednesday, April 20, 3:00 to 4:00 p.m. Agenda:

- ✓ Get Real Math / Science Videos & Premiere
- ✓ You Can Make It Career Expos
- ✓ Tech Ed Teacher Summits
- ✓ Upcoming Alliance Events
- ✓ Next Meeting Date/Time/Agenda