

NEW Manufacturing Alliance
STEM TASK FORCE – MS TEAMS MEETING MINUTES
January 25, 2023 – 3:00 to 4:00 PM

ATTENDEES: Daniel Angell-KI, Brian Conrad-Great Northern Corp., Katelyn Desrochers-NWTC Student/Advocate, Peter L'Empereur-AK Crust, Steve Meyer-FVTC, Keith Polkinghorne-AriensCo Museum, Christina Stelter-Alliance Laundry Systems, Ann Franz-NEWMA, Debbie Thompson-NWTC

RECAP: 2022 STEM TASK FORCE INITIATIVES

- New Get Real Math & Science Videos were produced featuring Alliance Laundry Systems, Georgia-Pacific, McCain Foods and Sargento Foods.
- April 2: SeaPerch Underwater Robotics Competition – 20 teams, representing over 100 students, participated. Winning teams that went on to nationals represented Marinette Middle School and Washington Island.
- April 5: You Can Make It Career Expo at Greenville Middle School, included Hortonville Middle School students – 300+ students and 22 exhibitors participated.
- April 14: Tech Ed Teacher Summit in partnership with NWTC
- April 27: You Can Make It Career Expo at Lombardi Middle School - 270 students
- May 18: Tech ed teacher meeting was held to identify educator challenges and needs.
- October 4: Get Real Math & Science Premiere at the Meyer Theatre - 180 attendees
- October 4: Tech Ed Teacher toolkits were distributed. In total, 53 toolkits were donated. Contents included safety glasses, gloves, digital calipers, hearing protection, measuring devices and flashlights. Steve Meyer researched and located a steel vendor that can work with the schools and offer equitable pricing. More to come.
- October 25: ACP Partnerships Roundtable, 98 participants
- October 25: 11th Annual Excellence in Mfg./K-12 Partnerships Awards, 280 attendees - \$21,000 was netted for the scholarship fund.
- October 26: 12th Annual Manufacturing First Expo & Conference, 1,100+ attendees, 311 high school students

PLAN: 2023 STEM TASK FORCE ACTIVITIES

- March 21 - You Can Make It Career Expo, for 7th grade students, at Greenville Middle School. Hortonville 7th graders will also be attending. Each company will provide a hands-on experience, for six rotations. This event is free for member companies. The deadline to register for a free booth is February 14. Contact Ann for details.
- Get Real Math & Science Videos – Companies are needed to sponsor the 2023 Get Real Math & Science videos. The \$5000 sponsorship fee covers production of two videos, in addition to \$500 donated to a school's math, science, or tech ed department. Companies that participated last year will be contacted to see if they would like to continue for 2023, followed by offering to the full membership. A planning meeting will be held in March.
- Saturday, April 1 - SeaPerch Underwater Robotics Competition at Ashwaubenon Community Pool – Contact Ann if you have a student group that would like to participate or you would like to serve as an event volunteer. The event generally ends by 12:30 p.m. Members discussed possibly producing a short promo video that can be shown at the Get Real Math & Science Premiere in October.
- Tech Ed Teacher Summer Event – A one day event will be planned. Ann and Steve Meyer will collaborate with their contacts (WTEA, Gulfstream, FVTC, EAA Education Center, etc.) for a potential host.
- Appreciation toolkits will be constructed and distributed to tech ed teachers.
- October – Get Real Math & Science Premiere
- Host a STEM event for high school female students. Feature careers and interactive activities. A national speaker would be sought. Have speakers available to network. Subsequently, hold weekly virtual events with each of the female STEM presenters.
- October 24 - 12th Annual Excellence in Mfg./K-12 Partnerships Awards at the Resch Expo
- October 24 - ACP Partnerships Roundtable
- October 25 - Manufacturing First Expo Student Event

Discussion ensued as to other ways educators and/or students could be supported.

- AriensCo Museum could possibly host students and /or a teacher STEM night.

- Students don't always know about the many careers represented by STEM or a particular profession. Connect what you actually do when working in these professions. Educate students about the careers that go into making a particular product. Show the breadth of manufacturing careers.
- Host a couple of smaller events for females. Create a NEWMA badge that can be awarded for attending a determined number of educational events. Ann will contact the Girl Scouts.
- Ann will connect with Michigan Tech Mind Trekkers reps to learn more about their offerings.
- Determine the careers members would like to feature at any event. NEWMA member companies can be contacted to see if they have female STEM employees that can serve as a speaker and/or mentor.
- Members will continue to discuss these initiatives and brainstorm other ideas to support educators and students.

ACP ROUNDTABLE TAKEAWAYS (10/25/2022)

There were 98 participants. Additional tech ed teacher toolkits were distributed. ACP is very different, depending on the school's degree of integration. How do we support their efforts? At the event, the president of Walker Forge was seated with Wittenberg High School reps. As a result, one of their students was referred and is now working for Walker Forge.

Manufacturers are often unsure who they should contact at the schools. Ann would like to provide manufacturers with at least one contact per school. A survey will be created and sent to the schools to solicit the desired contact information. The finalized list will be sent to the membership, encouraging manufacturer engagement with the schools.

UPCOMING ALLIANCE EVENTS

February 8	Lunch & Learn: Transformational Leadership, 12:00 to 1:00 PM
February 22	Lunch & Learn: Change Management, 12:00 to 1:00 PM
March 3	Winning with Wisconsin's Workforce Symposium, at FVTC, 8:00 to 9:30 AM
March 14	Quarterly Full Membership Meeting - Virtual, 8:30 to 10:00 AM
March 8-10	WTEA Conference – at Wisconsin Dells
March 21	You Can Make It Career Expo – at Greenville Middle School

NEXT MEETING

The next STEM Task Force MS Teams meeting is scheduled for **February 15, 2023, 3:00 p.m.**