

NEW Manufacturing Alliance
STEM TASK FORCE – WEBEX MEETING MINUTES
Wednesday, January 19, 2022 – 3:00 to 3:40 PM

ATTENDEES: Carol Bredesen-Neenah Joint School District, Andy Bushmaker-KI, Matt Hohner-Einstein Project, Chad Janowski-Einstein Project, John Katers-UWGB, Linda Osterloh-Jacobs Engineering, Ann Franz-NEWMA, Maria Gonzalez-NEWMA, Debbie Thompson-NWTC

RECAP 2021 STEM TASK FORCE ACTIVITIES

- New Get Real Math videos were produced, in addition to the inaugural Get Real Science videos.
- February: Kickoff to the inaugural filming of 16 virtual plant tours
- April 22: Take Your Child to Work Day – Car build, 95 employees/children participants
- October 5: Get Real Math & Science Premiere at the Meyer Theatre, 130 attendees
- October 26: ACP Roundtable, 67 participants
- October 26: 10th Annual Excellence in Mfg./K-12 Partnerships Awards, 214 attendees
- October 27: 11th Annual Manufacturing First Expo & Conference, 900+ attendees, 112 high school students

2022 STEM TASK FORCE PLANNING

- January 11 & 24: YA Webinars
- February: There will be a flyer sent to the schools with links to the virtual plant tours.
- March 8 & 9: Sponsorships of the Greater Green Bay Chamber & Fox Cities Chamber’s ‘Find Your Inspiration’ events – Contact Ann if you are interested in hosting a free booth to discuss your company’s career opportunities.
- March 16 (Tours & Reception) & 30 (Dialogue on Engaging Students): Tech Ed Teacher Summits – with Fond du Lac area educators
- Get Real Math & Get Real Science videos - Sign-up begins in March.
- April 5: You Can Make It Career Expo at Greenville Middle School (includes Hortonville Middle Schools students) – Contact Ann if you are interested in a free booth to host a 20 minute hands-on project that will rotate students.
- April 14: Tech Ed Teacher Summit, in partnership with NWTC
- April 27: You Can Make It Career Expo at Lombardi Middle School - Contact Ann if you are interested in a free booth to host a 20 minute hands-on project that will rotate students.
- April 28: Take Your Child to Work Day – Ann will survey the membership to gauge interest in hosting an event.
- June 21 & 22: Tech Ed Teacher Airplane Experience, in partnership with FVTC
- October 4: Get Real Math / Science Video Premiere
- October 25: ACP Partnerships Roundtable, at the Resch Expo Center
- October 25: 11th Annual Excellence in Mfg./K-12 Partnerships Awards, at the Resch Expo Center
- October 26: Manufacturing First Conference & Student Hands-on Experience, at the Resch Expo Center
- Fall: Saturday STEM Event for Sophomore Girls – *Tentative*
- School Board Meetings – NEWMA’s Board requested the STEM and K-12 Task Forces reach out to the regional school boards on how we can partner to encourage students to pursue a manufacturing career. Ann is looking for input on what members would like to convey to the school boards.

NEW INNOVATION CHARTING SCHOOL – ANDY BUSHMAKER

This new pilot program aims to help students that don’t learn well in the traditional classroom setting. Students get real world manufacturing experience by working with mentors during the afternoon, 3-4 days a week. Current student participants have learned some basic skills at NWTC, including cutting and welding. Plant tours are being conducted this week, with interviews scheduled next week. If students are hired and they work until the end of the school year, they will receive a \$1,000 college scholarship for the following fall semester. Students will be paid \$15 per hour.

Participating companies include KI, EMT International, Fox Valley Metal-Tech, LaForce, and Lindquist Machine Corporation. If successful, organizers would like other areas to adopt the program as well.

GET REAL MATH / SCIENCE

Three companies are being sought to produce 2022 Get Science videos, while two companies will be needed to produce Get Real Math videos. Einstein Project, GBAPS, and De Pere High School staff will be asked initially to help create the lesson plans, as they participated last year. Ann also shared that DPI is working with CESA 1 to feature one of the Get Real Math lesson plans, showcasing how math is used in the real world.

Chad stated that he would like some feedback from the teachers that have used the lesson plans. State science education leadership organizations could provide feedback and promote the lesson plans. Ann will follow-up with her contacts and report back.

YOU CAN MAKE IT CAREER EXPOS

April 5 - at Greenville Middle School (includes Hortonville Middle Schools students)

April 27 - at Lombardi Middle School

Contact Ann if you are interested in a free booth to host a 20 minute hands-on project that will rotate students.

FIND YOUR INSPIRATION

March 8 & 9: Sponsorships of the Greater Green Bay Chamber & Fox Cities Chamber's 'Find Your Inspiration' Events

Contact Ann if you are interested in hosting a free booth to discuss your company's career opportunities with students. Participants can also provide a hands-on experience.

UPCOMING ALLIANCE EVENTS

January 24 Webinar: Mentoring & Working with Students in the Workplace | 8:30 to 10:00 AM

February 24 Webinar: Earn & Learn Overview | 12:00 to 1:00 PM

March 2: Quarterly Full Membership Meeting | 8:30 to 10:00 AM | TBD: Virtual or In-person

NEXT MEETING DATE/TIME/AGENDA

The next STEM Task Force meeting is on Wednesday, February 16, 3:00 to 4:00 p.m. Agenda:

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