

STEM taskforce meeting

April 26, 2023 at 3 p.m.

AriensCo. Museum

Minutes

ATTENDEES: Daniel Angell-KI, Claudia Damiani-Atlas Science Center, Christina Stelter-Alliance Laundry Systems, Peter L’Empereur-AK Crust, Keith Polkinghorne-AriensCo Museum, John Katers-UWGB and Ann Franz-NEWMA

Topic 1: AriensCo. Museum overview -Keith Polkinghorne, museum curriculum developer gave a tour of the museum. The newly renovated AriensCo Museum tells the story of this country’s journey from horse-and-plow to horsepower. Interactive exhibits, vintage equipment, and unique memorabilia capture significant moments that have shaped the company—and the American landscape—since 1893. The museum is free and host students, families and the general public. The museum is open every day from 8 a.m. – 4 p.m.

Topic 2: You Can Make It Career Expo & Get Real Math/Science updates

Companies participating in the 2023 Get Real Math & Science videos are EMT International, KI and Alliance Laundry.

The Premiere in October will include a video from the new NEWMA Employability Skills video, ‘How to be Successful in the Workplace. The following ten companies are participating in the video.

<ul style="list-style-type: none">• Alliance Laundry Systems• Georgia-Pacific• Green Bay Packaging• Heartland Label Printers	<ul style="list-style-type: none">• KI• LaForce• Marine Travelift, Inc.	<ul style="list-style-type: none">• Nicolet Plastics• Packer Fastener• Sargento Foods Inc.
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The video will feature the top 10 tips to be successful in the workplace. The tips will be covered in the Wisconsin DPI Youth Apprenticeship’s Employability Skills curriculum. The goal is to have many students utilize these resources, not only YA participants. The videos will be packaged in the following three parts.

- 11 minutes of video featuring a 1-minute tip from each of the ten companies.
- 33 minutes of video featuring 3-minutes of each company’s tip / company info / what is made at each company.
- 3 minutes of video – Each company will have its own packaged 3-minute video.

Topic 3: Mind Trekkers

NWTC has agreed to host Mind Trekkers in 2024. The date is February 15 & 16, 2024. NEWMA will pay the \$30,000 to host the event. The organization will be looking for 8 sponsors at \$5,000 each. These companies will have a booth at the event, along with logo recognition on event flyers, etc. So far, Ann has one sponsor secured: Walker Forge. The grade level targeted for this event is 5th – 7th graders. There is interest from NWTC, to host the event every other year. Ideally the off years would be hosted at another technical college. The Lakeshore Technical College hosts a STEM event, so maybe Fox Valley Technical College for 2025, if there is interest. NEWMA will sponsor the cost of the program. Peter will follow-up if his company is interested in providing pizzas for the event.

Topic 4: Atlas Science Center presentation - Claudia Damiani presented. She shared that the Paper Discovery Center Museum has been reimagined to now being named the Atlas Science Center. It is a nonprofit that has paper sciences, but will have more overarching STEM activities. The center has 3 focuses:

1. Educator guided activities
2. Field trip experiences for middle and high school students, plus some college
3. Outreach programs in venues like the public library and Title 1 schools

The goal is to encourage STEM learning and build confidence in students. There is Spanish programming as well. Claudia is seeking partnerships with industry as they develop the center. An example of this partnership is with Kimberly Clark’s ‘Women in Leadership,’ which is a mentorship and career speaker series for girls 10-16 years of age. It is held every Saturday in September. She would like to offer a manufacturing-focused program in the month of April 2024. More discussion on working with her on this program will be discussed at the next STEM meeting.

Topic 5: Tech Ed Teacher summer event

The date for the Tech Ed Teacher – Aerospace event is June 14. The program will include a tour of EAA and ride in a plane. The afternoon will include a tour of Gulfstream.

Topic 7: Upcoming NEWMA events

May 2: Kickoff to the nomination period for the 12th annual Excellence in Mfg./K-12 Partnerships Awards

May 18: NEWMA & US Venture Graduate Seniors Hiring Event at NWTC – **need volunteers**

May 23: Future of Work – Childcare at the Green Bay Botanical Gardens

June 7: President’s Cup Scholarship Golf Scramble at Blackwolf Run

June 8: NEWMA Quarterly Membership Meeting at Lambeau Field

Topic8: Next agenda for May 31 taskforce meeting via Microsoft Teams from 3 p.m. – 4 p.m.