

**N.E.W. Manufacturing Alliance
K-12 Outreach Task Force Meeting**

August 19, 2011
FVWDB
8:30 a.m.

Minutes

Beth Dulak-Smith, Brian Diermeier, Derek Lineberry, John Knickerbocker, Lori Peacock, Mary Sue Lavin, Megan Crary, Mike Cattelino, Nancy Schopf, Ann Franz and Bobbi Miller

Topic 1: Manufacturing the Future documentary modules

Mary Sue and Lori provided draft copies of lesson plans and explained that each lesson plan follows a consistent pattern to assist teachers in using the lesson plan. Designed for 8th and 9th grade math classes, the content will take less than a full class period and might be a tool for teachers to use on shortened class period days or over the course of a one week period (Mary Sue and Lori stressed that the content must be able to be delivered in manageable chunks).

For each of the lesson plans, Skype is a tool that educators should consider using to further tie the content to real life examples. Manufacturing representatives who connect via Skype should be prepared in advance to get excited about the topic they will be discussing. Nancy said that she is currently learning more about Lifesize (sp?) and understands that it is a more robust tool than Skype. Nancy will give us more details about this tool in the future.

Other comments on this topic included the potential to have both video ‘chunks’ and lesson plans available on the NEW Manufacturing website which would make it easy for educators to use and tie back to student follow up. Mary Sue and Lori also asked members to review a page with ‘considerations’ they had created as they put together the lesson plans. Some of the comments here included being able to advance/go back in the videos and the lack of diversity in the video. Beth commented that as a partner entity for the video, the Alliance did not control the content that would be included; however, as a measure to include diversity, perhaps we could direct participants to some of the All Star videos or have Skype attendees with a diverse background.

Assignments to complete lesson plans prior to the next meeting are as follows:

- Lesson plan 1 – Brian
- Lesson plan 2 – Ann
- Lesson plan 3 – Shannon
- Lesson plan 4 – Megan
- Lesson plan 5 – Beth

Members also discussed ways that teachers could connect this content to parents and consideration was given to a template letter/email that teachers could use with links to the Alliance website.

Topic 2: Plan General Membership meeting with educators

At the October 6 General Membership meeting at NWTC, Alliance members will have the opportunity to connect with educators from the schools we’ll be working with for 2011-12. Some of the goals of that meeting will be to distribute lesson plans to educators, increase communication between educators and education and increase awareness of the Alliance. Tentative format for the meeting will be:

- Background of the Alliance
- Show video clips (one middle school and one high school) from lesson plans
- Show All Star clips
- Have manufacturers meet with educators from their geographic area
- Start the scheduling process with schools

Invitations will be made to the following educators at target schools: superintendent, principals, guidance counselors, and 2-3 math teachers. Sub fees will be paid for teachers who need to have a substitute in the classroom to allow the teacher to attend the Alliance meeting.

Topic 3: STEM/PLTW Advisory panel

Tania Kilpatrick from CESA 6 is looking for volunteers and will be contacting Alliance members in her geographic region.

Topic 4: Next Steps

Thought was given to putting together a “Tour Ready” plant tour guide for manufacturers who are offering tours to students and educators. Nancy said she has already put something like this together and will share the information with the group.

Nancy will get more information about the Einstein Project and bring it to a future K-12 meeting. Mike mentioned that a similar program is the Stem Academy which is a national effort.

Members mentioned upcoming education seminars/workshops that would be a good venue for the Alliance to speak to members about what they’ve done to connect youth to careers.

Next meeting: September 9 at Boys’ & Girls’ Club on South Oneida Street in Green Bay 2-4pm. At this meeting, Mary Sue will bring some club kids to model a session based on the lesson plans the group has finalized.