

NOTE: As you enter, you are muted and videos are disabled

APOPT-A-SCHOOL GUIDE

WEBINAR

5/7/20

1:30-2:30 PM



MINNESOTA STATE
Advanced Manufacturing Center of Excellence

ATE Regional Center



Jaimee Meyer

*Director of Marketing and Outreach
Minnesota State Advanced Manufacturing
Center of Excellence*

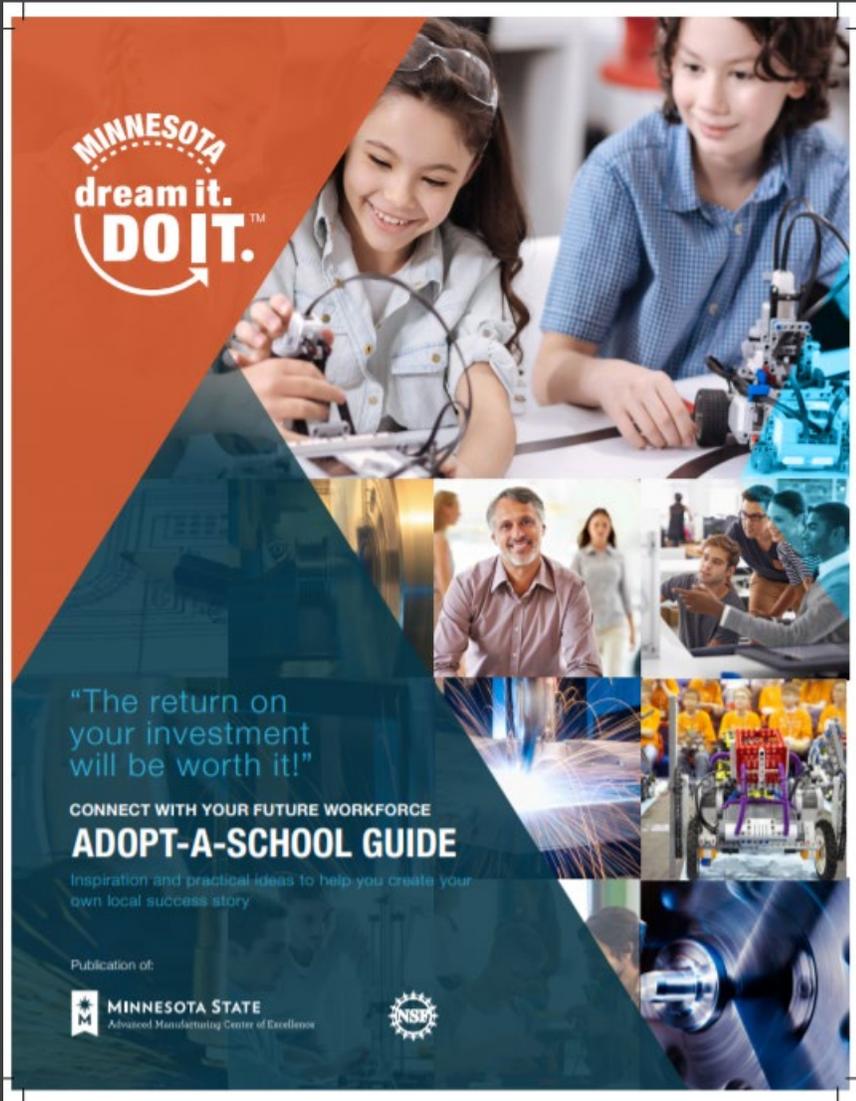
Jaimee.meyer@bemidjistate.edu

t: 218.755.2206 | mnmfg.org

Follow us: [Facebook](#) | [Twitter](#) | [LinkedIn](#)

Advanced Manufacturing Center of Excellence

- One of eight Centers of Excellence serving industry needs through education
- Hosted by Bemidji State University, serving the state of Minnesota
- Consortium of 18 technical and community colleges throughout Minnesota that offer certificate and degree programs in manufacturing
- Center's three strategic priorities include: Engaging Industry, Enhancing Education, and Inspiring Students to pursue careers in manufacturing
- Mission is to recruit and educate the next generation of workers



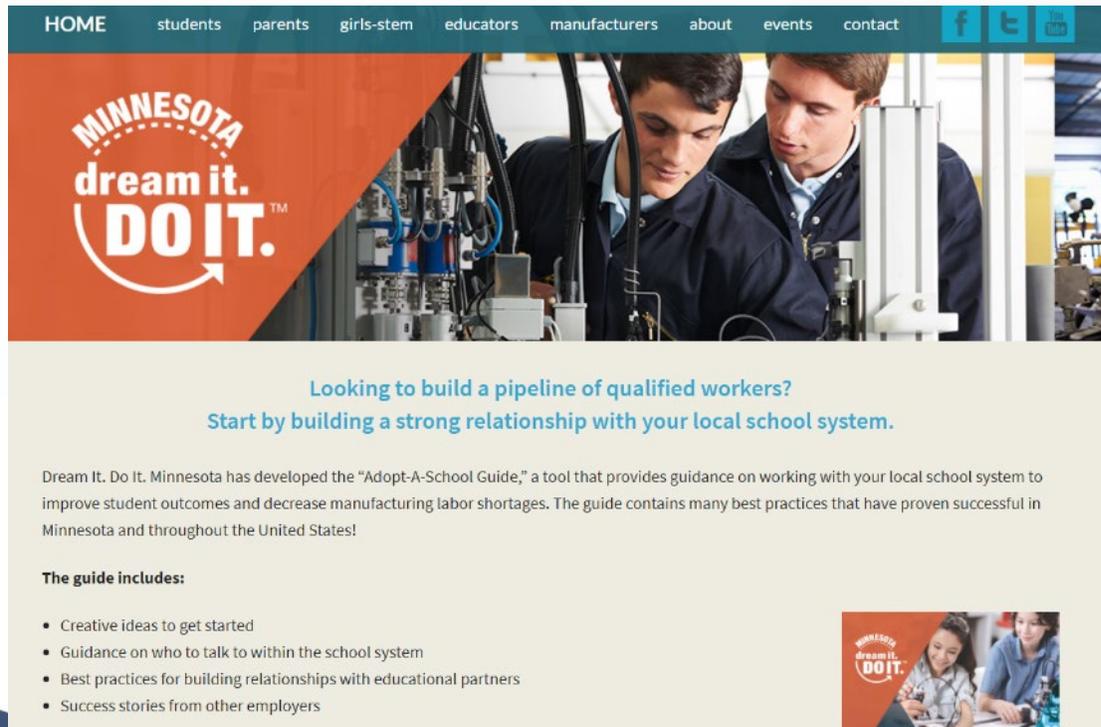
Adopt-A-School Guide

- Tool for working with your local school system to improve student outcomes and decrease manufacturing labor shortages.
- 15-page resource of the best practices towards engaging schools proven to be successful in Minnesota
- Connect with your future workforce
- Inspiring and practical ideas to help you create your own local success story

Adopt-A-School Guide

Locate a copy to download here:

<https://www.dreamitdoitmn.com/adopt-a-school/adopt-a-school-guide-request-form/>



HOME students parents girls-stem educators manufacturers about events contact

MINNESOTA dream it. DO IT.

Looking to build a pipeline of qualified workers?
Start by building a strong relationship with your local school system.

Dream It. Do It. Minnesota has developed the "Adopt-A-School Guide," a tool that provides guidance on working with your local school system to improve student outcomes and decrease manufacturing labor shortages. The guide contains many best practices that have proven successful in Minnesota and throughout the United States!

The guide includes:

- Creative ideas to get started
- Guidance on who to talk to within the school system
- Best practices for building relationships with educational partners
- Success stories from other employers



To get immediate access to the Adopt-A-School Guide, type in your information and click "Get the Guide." After completing the form, you will see a page with a button to "Access the Adopt-A-School Guide." Click there to access the PDF.

Name *

First

Last

Email *

Enter Email

Confirm Email

Address

Street Address

Address Line 2

City

State / Province / Region

ZIP / Postal Code

Country

Getting Started

- Career and Technical Education Directors
- Perkins Coordinator
- Teachers
- Counselors
- School Board
- Principal
- School Superintendent



Who do I talk to? Resource example

Counselors- Guidance Counselors advise and help students evaluate their abilities, interests, talents, and personalities to develop realistic academic and career goals. They also operate career information centers and career education programs.

- *Your school guidance counselor is helping students select a career path, inform them of emerging industry trends that relate to employment opportunities within your industry.*

How Can Industry help

- Open House
- Tour field trip
- Collaboration-
working with teachers
- Preparation check list



How Can Industry help

Career Day Events

- Be involved
- Get creative
- Create a video explaining your jobs
- Plan information for teachers and parents



How Can Industry Help

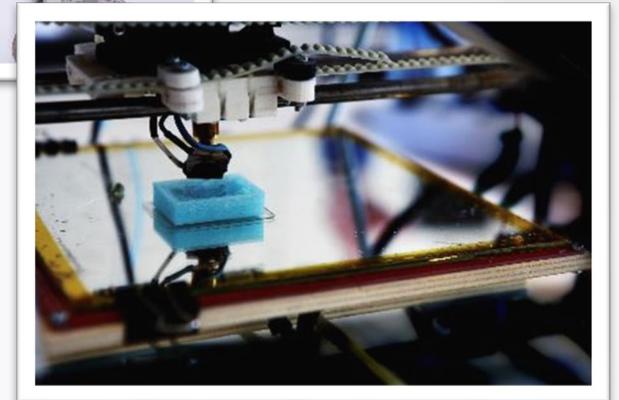
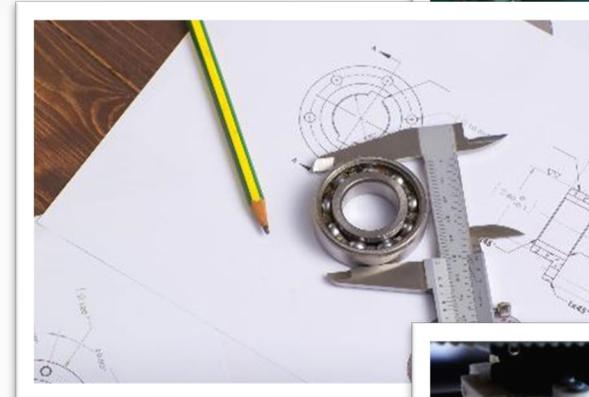
Equipment Donations

- Reach out to your local school to see if they can use it



Equipment Suggestions

- Micrometers
- Calipers
- Software licenses
- Equipment that can be used in high school labs
- Materials
- Cash donation for equipment



How Industry Can Help

- Classroom Speaking
- Tutor
- Mentor
- Work-Based Learning



How Industry Can Help

Develop a High School Job Shadow Program

- Offer to host a student for a one-day shadow.
- Let the school know what types of positions would be possible for a job shadowing experience.
- Match students to specific job based on their interests.

How Industry Can Help

Offer Internships

- Internships are a longer term.
- Provides more in-depth knowledge in a job field that is of interest to them.
- Let the school know what types of positions would be possible for a job shadowing experience.
- Match students to specific job based on their interests.

How Industry Can Help

Offer Apprenticeships

- Apprenticeships are longer than an internship.
- Students are paid to learn a specific technical job.
- Classroom instruction is directly tied to the apprenticeship occupation.

How Industry Can Help

Offer an Externship

- Develop and support teacher externships and awareness activities.
- An externship at your company places the instructor in your workplace.
- This provides the teacher with work site learning experiences that can be applied in the classroom.

Student Organizations

Robotics

- Volunteer to work with teams
- Sponsor a team
- Be a Judge
- Donate Robotics kits
- Connect with Robotics coaches as a first step
- FIRST, VEX



Student Organizations

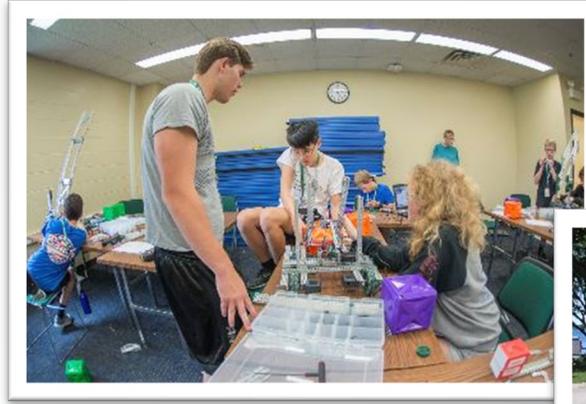
Skills USA - A National program being used in Many MN schools

- Develop workplace and technical skills grounded in academics with a mission for America to have skilled workers.
- Program goals are to create partnerships with students, teachers, and industry, working together.

Student Organizations

Youth Summer Events/Camps

- Sponsor
- Speak
- Host a Tour
- Provide a scholarship
- Promote your support



SUCCESS STORY - Massman

- Support local robotics teams
- Represent at career expos
- Hosts student and teacher tours and demonstrations
- Has open houses
- Participates in the Statewide tours
- Offers internships
- Serves on committees at the local high school
- Works closely with principals and teachers



“We want students at all levels to gain exposure to the high demand manufacturing careers that exist in their backyard, and we are proud to be part of developing the next generation of skilled workers.”

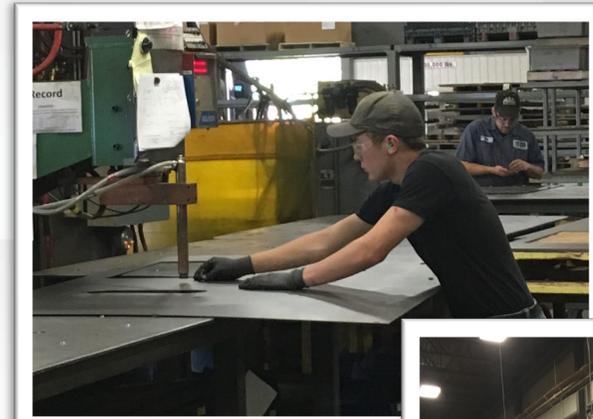


“Providing students hands-on experience to engage them with modern manufacturing principles is a strong investment in our future workforce.” says Duane Taillefer, Vice President of Operations, Massman Automation



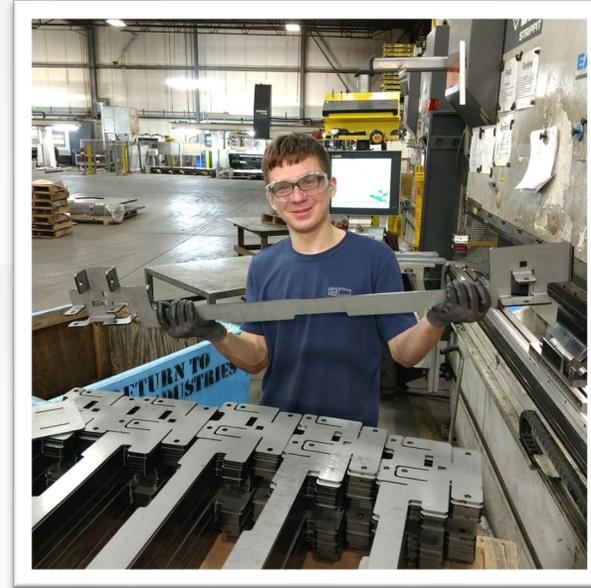
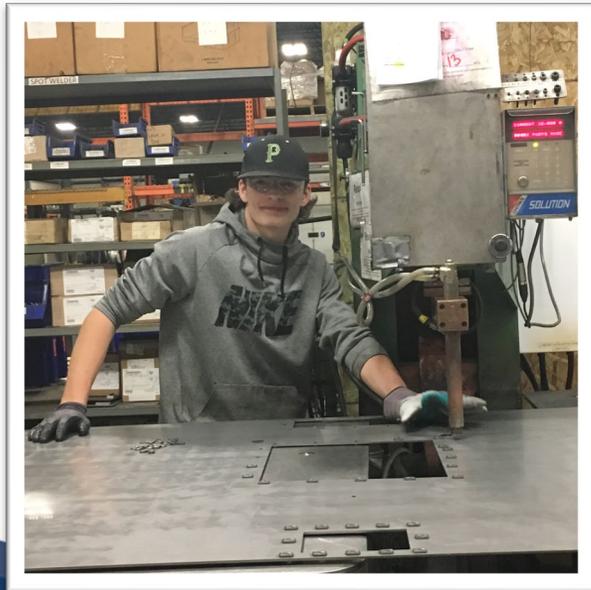
Youth apprenticeship program- Louis Industries

- Worked with 3 area high schools
- Started in 2017
- Had 4 students participate so far
- 450 to 900 hours of training to work in their manual manufacturing department: running press brakes, spot welding, tumbler, turret, stud gun and pem machining



SUCCESS STORY - Louis Industries

- Carter is still working at Louis Industries
- Carter is now helping in the engineering department with drafting and offline programming for their press brakes
- Carter is currently pursuing his Associate's degree in Computer Aided Mechanical Design at SCTCC



- Ethan just completed 900 hours of training involving 13 production processes
- He is working there during the summer of his senior year
- Ethan is now enrolling in CNC Machining at SCTCC



CHECKLIST

Initial Conversation with School
(a phone call may receive the best response)

Person to contact _____

Phone Number _____ Email _____

- Provide your name and the company you represent.
- Let the person know why you are calling. "I have been looking at the Dream It. Do It. Minnesota Adopt-A-School Guide. I would like to make an appointment to talk with you about partnering your school with our manufacturing company."
- Are there additional individuals that we should include in this meeting in order to make the best use of our time? Would you be able to contact them?
- Discuss and set up a meeting date, time, and location that is best for you and your potential new partner(s).
- Date _____ Time _____ Location _____
- For discussion purposes, have them request a copy of the Adopt-A-School Guide from Dream It. Do It. Minnesota <http://www.dreamitdoitmn.com>.
- Provide your contact information.

CHECKLIST

Face-to-Face Meeting with Stakeholders

- Gather contact information from each of the stakeholders.
- The Dream It. Do It. Adopt-A-School guide will assist you with the conversation.
- Ask the school representatives what you can do to help introduce manufacturing in their school.
- Discuss their needs and what you may be able to provide.
- Choose one activity that meets the needs of your company and the school district to start the relationship.
- Come to consensus as to how to move forward with the chosen project. Will you need additional stakeholders moving forward?
- Set the next meeting date and how you will meet (face-to-face or electronically).



Industry Uses

- A tool that outlines how to begin working with your local school system to improve student outcomes and decrease labor shortages
- Concept of Adopting-A-School will result in potential long-term return on investment by providing a future talent pool
- Support the Industry, Youth and Your community
- Start today for results tomorrow



- **Questions?**
- **Comments?**
- **Feedback!**



Jaimee Meyer – Webinar Series Presenter

Jaimee.meyer@bemidjistate.edu

t: 218.755.2206 | mnmfg.org

Follow us: [Facebook](#) | [Twitter](#) | [LinkedIn](#)

Upcoming Webinars

Career Success Skills

For Educators And Manufacturers

May 21, 2020, at 1:30 PM

Learn how to access 26 learning modules for free through distance learning. The modules focus on critical employability skills identified by industry that will contribute to students' success in a manufacturing career.

Manufacturing Career Videos

For Educators And Manufacturers

June 4, 2020, at 1:30 PM

Join us for a review of our featured manufacturing career videos. We showcase Minnesota manufacturers such as Marvin Windows, Polaris Industries, Central Boiler and others to hear directly from employees talking about their future in manufacturing.

Register for this Webinar and find more upcoming webinars at:

<https://www.mnmfg.org/webinar-series/>

Thank You!

Find more information at:

mnmfg.org | dreamitdoitmn.com | 360etech.org