



# METT Pathway Overview

◀ Manufacturing, Engineering, Technology, & Trades ▶

## What is Career Motive-8?

In partnership with area businesses, Naperville 203 will host an 8th Grade Career Exploration Day to motivate students to continue career exploration & planning. The event, called Career Motive-8, will provide students with an opportunity to connect with area businesses representing multiple careers.

The purpose of Career Motive-8 is to provide a hands-on experience to students, aligned with the district's comprehensive counseling curriculum, to deepen their understanding of the careers available in our community and across multiple career pathways. This event supports our district mission to produce students who are self-directed learners, collaborative workers, complex thinkers, quality producers, and community contributors.

## Primary Role

The Manufacturing, Engineering, Technology, & Trades Pathway of Career Motive-8 is focused on exposing our 8th graders to careers in manufacturing, engineering, technology, and trades fields. The charge of the volunteers is to present hands-on activities that motive-8 students to explore and engage in learning about careers in this pathway. Below are example activities to help spur your creative thinking for activities that you may provide.

## Sample Activities

- Aerial Lift Demonstration
  - Have students observe a scissor lift and/or manlift and explain key safety features of using this equipment.
  - Material Need: Scissor lift and/or manlift, other additional resources, etc.
- What's your Dream Building?
  - Let students use cut-out samples to create a vision board for a fictional building. Ensure a strong emphasis on architectural features in the sample images.
  - Material Need: Cork board(s), push pins, printed images of buildings and architectural features, etc.
- Hoop Glider
  - Challenge students to create a different type of paper plane by using straws & paper to make a hoop glider. Explain to the students why the hoops allow it to fly- and showcase innovative problem-solving solutions needed for this industry.
  - Material Need: Paper, scissors, glue, plastic (or paper) straws, tables, chairs, etc.
- Power Line Simulator
  - Give students the sensation of repairing an actual powerline with practice equipment
  - Material Need: Practice equipment to simulate powerline repair, other additional resources.

- Construct This!
  - o Using materials of choice, give students a random object to construct. For an added challenge, provide a limited time frame.
  - o Material Need: Low cost construction materials (popsicle sticks, legos, etc.), other resources
- Simulation of mechanical repairs, assembly, or engineering
  - o Have students make a simple automotive repair or part assembly
  - o Students get to experience welding on a welding simulator

### Materials/Hospitality to Be Provided

By participating in this event, your business information will be shared with the Naperville CUSD 203 community.

- Materials Provided
  - o 8-foot table and two chairs
  - o Electricity (please bring your own extension cord)
  - o Wi-Fi access
- Hospitality Provided
  - o Coffee/tea/water
  - o Continental breakfast
  - o Lunch

Any computers or mobile devices required for the activity will be presumed provided by the company or volunteers coordinating the activity. Any additional support can be requested.

### Business/Organization Volunteer Attendee Expectations

1. Volunteers must commit for both Career Motive-8 sessions on October 17, 2025.
  - a. Morning Session: 8:45 - 10:45 a.m.
  - b. Afternoon Session: 11:45 - 1:45 p.m.
  - c. Setup time available on Thursday, October 16, 2025.
2. Activities must be engaging, and volunteers must be willing to engage with eighth grade students. The goal is to excite and motive-8 students about various careers.
3. Volunteers will be culturally sensitive, understanding that not all students will be outgoing, or knowledgeable about certain careers, and come from diverse backgrounds.
4. Volunteers will manage and be responsible for all materials they are providing.
5. During the event, volunteers will work with Naperville 203 and communicate needs as necessary.

If at any point you have any questions or would like to discuss a potential activity, please contact Sue Striedl at [sstriedl@naperville203.org](mailto:sstriedl@naperville203.org) or Jacque Clermont at [jclermont@naperville203.org](mailto:jclermont@naperville203.org).

**Any individuals (businesses/organizations) wishing to join us at Career Motive-8, please complete this [Sign-Up Form](#).**