



# **VOLUNTEER TODAY FOR *A WORLD IN MOTION*<sup>®</sup>**

OUR K-8 STEM EDUCATION SOLUTION



**[sae.org/learn/education](https://sae.org/learn/education)**

We're bringing science, technology, engineering and math (STEM) to life in the classroom.

# VOLUNTEER: BECOME A STEWARD OF YOUR PROFESSION FOR TODAY'S YOUTH.

The A World In Motion (AWIM) program is a teacher-administered, volunteer-assisted program that brings science, technology, engineering, and math (STEM) education to life for students K-8.



- They serve as role models and provide “real life” examples to students
- They provide students with first-hand impressions and information about careers in their chosen profession
- They are an in-classroom resource for teachers
- They introduce important skills in the classroom that will be used in the workplace, such as teamwork, organization, communication, problem solving, project planning, and task management through the AWIM “design experience”

## BECOME AN AMBASSADOR

You can also use your knowledge and influence to help spread the word about AWIM and increase the volunteer workforce:

- Pass along this information to parents and educators
- College students working toward a degree in science, technology, engineering or math may want to look into volunteering as part of community service hours
- Inform industry professionals, as many corporations offer employees paid time off to perform community service (don't forget about retirees who were part of the industry too)



## VOLUNTEER ROLE DESCRIPTION:

- Skills/Experience: Interest in working with students in a classroom setting.
- Program Orientation/Training: 1-2 hour workshop
- Time Commitment: 4-6 weeks, one to two hours per week (includes classroom and preparation time)

## RESPONSIBILITIES DURING A SCHOOL VISIT:

**Volunteer:** Work with your teacher-partner to

- Review program content and come prepared for each visit
- Identify available presentation resources
- Maintain cadence established by the schedule
- Attend all scheduled sessions, notifying teacher/volunteer team in advance of absence
- Serve as a role model and provide relevant 'real world' examples to students
- Coach students by asking questions to guide them toward solutions
- Make learning fun
- Become familiar with school safety/security protocol:
  - Parking, entry/exit & check-in procedures
  - Evacuation/take shelter procedures

### Teacher

- Responsible for classroom management and remain present in classroom during all volunteer visits
- Communicate openly with volunteer(s)
- Implement the AWIM program with industry volunteer(s)
- Work with student teams in advance of each classroom visit to ensure each team is prepared
- Ensure implementation of all volunteer and non-volunteer sessions
- Evaluate student learning and recognize participation

# ASKING PERMISSION FROM YOUR ORGANIZATION

It is recommended that volunteers request permission from their supervisor to leave work to volunteer for the AWIM program classroom activities. Here are a few tips to assist you:

- Provide your supervisor with background information about the AWIM program fact sheet
- Explain that an important element of the AWIM program is having a volunteer-practitioner who can relate the AWIM program concepts to the business world, since volunteers provide an important aspect to the class by explaining how science, technology, engineering and math are used every day
- It is also helpful to have a tentative schedule of the AWIM program volunteer sessions to provide to a supervisor
- Be sure to consider the time required to travel to the school and any meetings scheduled with the teacher prior to the program beginning



## OTHER TIPS/ THINGS TO NOTE

- A first-time volunteer may also need to prepare for the classroom session by reading the lesson plan or science notes
- The AWIM program is an excellent opportunity to build community relations—the teacher and volunteer may consider contacting a local newspaper to participate in the final presentations at the conclusion of the AWIM program activity



# OUR TOTAL STEM SOLUTION

SAE International is the only U.S.-based engineering organization to offer a full continuum of Kindergarten-College STEM education opportunities (science, technology, engineering, and math):

- Primary, Elementary & Middle: A World in Motion® (AWIM)
- College: Collegiate Design Series™ (CDS)

The SAE Foundation's mission is to fund, develop, and deliver these educational programs that provide hands-on, project-based, collaborative learning experiences integrated with exposure to STEM.

We're also proud to support SAE's robust award and scholarship program—one that recognizes outstanding mobility engineering professionals







# A WORLD IN MOTION®

Our K-8 STEM Education Solution

More than 25,000 engineers, scientists, and technology professionals have volunteered in partnership with the AWIM program.

Volunteer with us today. Find out more at:  
[sae.org/learn/education](http://sae.org/learn/education) or call 1-800-457-2946

