

SAE SPARKS STEM LEARNING IN PRE-K-8 STUDENTS

SAE International's STEM programs have reached more than **6 million** students worldwide and engaged more than **30,000** STEM industry professionals as volunteers, creating measurable impacts in diversity, opportunities, and capabilities in STEM-ready students.

REACHES MORE STUDENTS



The AWIM program empowers every student to embark on a lifelong learning path.



Focuses on underserved areas



Reaches **47%** female and **25%** African-American students



Takes place in the classroom for **100%** participation

“There aren't many opportunities to see an actual practicing engineer in the classroom helping the students experience engineering firsthand. AWIM does just that.”

— Alison Bazil, Ford Motor Company, AWIM volunteer

PROVIDES CRITICAL RESOURCES



AWIM generates opportunities for entire communities by empowering educators—the engines of change.



Standards-based curriculum



Professional development



Project-based materials



Industry volunteers

“The support is there for you—the two modules that I did were very thought out, very well scaffolded, and very realistic in what is doable with first-grade kids.”

— Amber Graves, AWIM educator

PARTNERS WITH INDUSTRY



STEM professionals volunteer to help students in their communities prepare for the challenges of the future.



Serve as an in-classroom resource



Provide critical context



Illuminate career possibilities

“For kids at grade level, it's a very powerful program when you can teach them fundamental engineering concepts that will take them all the way through their academic career.”

— John Lloyd, Flint, Michigan, AWIM alumnus

WHAT IMPACT COULD YOU MAKE?

SAE Foundation's efforts transform STEM education to help fill tomorrow's engineering and technical workforce:

\$35

provides a student with access to AWIM

\$500

supports educators with AWIM STEM curriculum and supporting materials

\$1,000

equips an entire classroom with materials and teacher professional development

Build tomorrow's diverse, STEM-fluent workforce with the SAE Foundation. Donate today at saefoundation.org.