Inspiring

STEM EXPERIENCES FOR ALL STUDENTS

20+ HANDS-ON PREK-12 STEM CHALLENGES

- Engineering Design
- Earth & Space Science
- Life Science
- Physical Science
- Emerging Technologies
- Computer Science

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FLEXIBLE, HIGH-QUALITY STEM EXPERIENCES

SAE’s A World In Motion® (AWIM®) program is an inquiry-based learning experience that brings STEM concepts to life, setting students on a path of lifelong learning and discovery. Starting with the youngest learners, from preschool through 12th grade, AWIM combines practical, experiential learning with mentorship from industry volunteers to provide equitable access to STEM.

♫ PREK
Excite young learners through play and discovery with STEM-inspired story books and hands-on explorations as students build observation skills and use simple drawings to capture what they’ve learned.

♫ PRIMARY
Create a foundation for teamwork and collaboration as students practice data collection and controlled testing, working together on fun, hands-on STEM experiments to solve a challenge from a fictitious company.

♫ ELEMENTARY
Develop critical thinking and problem-solving skills as students learn about coding and computer science, engineering and design, and data collection while justifying their design decisions to their classmates.

♫ MIDDLE/HIGH SCHOOL
Expand in-depth research and data analysis skills for students beyond standard scientific testing, leveraging cross-curricular connections to create authentic experiential STEM learning experiences.

WHAT’S INCLUDED
• Detailed curriculum with adaptable lesson plans
• Classroom materials for hands-on STEM explorations
• National education standards alignment
• AWIM Notebooks for recording, analyzing, and synthesizing data
• Training and ongoing support
• Complimentary SAE STEM@Home resources to support remote learning

PROVEN RESULTS
91% of teachers reported Improved 21st-Century Workforce Skills
91% of teachers reported Improved Academic Performance in STEM
98% of teachers reported Increased Excitement

EXPLORE MORE!
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