

# 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



//CODiE//  
2021 SIIA CODIE WINNER



*A World In Motion®*

[sae.org/awim](http://sae.org/awim)



# 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.



## Y 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

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EXPLORE MORE!

[sae.org/awim](http://sae.org/awim)

This program is  
supported by:

**SAE**  
FOUNDATION..  
*Inspiring Curiosity in STEM*