Why STEM Education?

32% (4th graders)  
31% (8th graders)  
21% (12th graders)  
(National Assessment of Educational Progress, 2009)

26% of S&E workers were older than age 50 in 2006  
(NSF: Science & Engineering Indicators, 2006)

U.S. → Asia  
5% → 20%  
Bachelor’s degrees in engineering  
(NSF: Science and Engineering Indicators, 2010)

1% of high school seniors score “advanced” in science...  
(National Assessment of Educational Progress, 2009)

1 out of 2 engineering doctoral degrees awarded by U.S. engineering colleges goes to a foreign national  
(AIA: Industry’s Response to the Workforce Challenge, 2008)

U.S. students intending to major in engineering switch majors before graduating  
(Rising Above the Gathering Storm: Energizing and Employing America for a Brighter Economic Future, 2007)
What now? has a solution...

A WORLD IN MOTION
What is A World In Motion?

- Curriculum Development
- Professional Training
- Materials (Orders/Shipping)
- Relationship Building
What it means to volunteer

**Role of a STEM Volunteer**

**Serve as a “Content Expert” for the Teacher**
No need to be a nuclear physicist – you’re helping with elementary/middle school concepts.

**Provide a “Face” for Science & Technology**
Students are seldom aware of science and technology careers. *AWIM STEM Volunteers* provide this connection to your chosen profession by simply sharing what you do at work and applying it to the AWIM student experience (it’s easy and the kids love it!).

**Interact with Teachers & Students in the Classroom**
All levels of time commitment are appreciated.

HAVE FUN!
Interested in Learning More or Starting an AWIM Program at Your Company? - Contact the AWIM Staff

www.awim.org
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1-800-457-2946