



North Texas Section Activities

The Conference for the Advancement of Science Teaching (CAST) was held recently at Reliant Center in Houston, Texas. The North Texas Section of SAE had an exhibit booth to promote A World In Motion. Members from the section staffed the booth during the conference. Approximately 5,000 math, science and physics teachers attended.

**The following are
A World In Motion
workshops/conferences scheduled
for December:**

December 1, 2005

Stevens Institute of Technology
Hoboken, NJ
Teacher Workshop

December 12, 2005

Toyota & Eaton Training
Ann Arbor Hands-On Museum
Ann Arbor, MI
Volunteer Training

December 14, 2005

Caterpillar Training
Peoria, IL
Volunteer Training

December 14, 2005

Peoria School District
Peoria, IL
Teacher Workshop

Dr. Charles Lovas from Southern Methodist University and Lorton Trent gave a presentation to state and district curriculum coordinators

In addition to those who took information about all the AWIM programs, over 100-150 elementary teachers registered at the booth to receive the Challenge 1 activities. Teachers were very receptive to the new Challenge 4 Electricity and Electronic materials.



CAST is the largest statewide science education conference in the United States, second only in size to NSTA (National Science Teachers Association) regional and national conferences.





Talented and Gifted Program (TAG)

The Talented and Gifted Students Institute at Southern Methodist University sponsors an annual three-week residential program for gifted students in grades seven, eight and nine. The SMU program, known as TAG, is one of only four regional programs in the United States. The program draws approximately 150-200 students per year from throughout the U.S. and a few foreign countries with 80 per cent of the students from Texas. Two of the courses offered during the TAG program use elements of AWIM Challenges 1, 2 and 3 to demonstrate engineering principles. However, the greatest benefits are the experiences the minority

students are exposed to during their stay on the SMU campus. These new experiences combined with their ability to prove they can excel in science, math and engineering to reinforce their interest in engineering and a college experience.

2005 Awards for Teaching Excellence

Joan L. Pepin an elementary teacher at George H. Potter Elementary School in Dartmouth, Massachusetts has been selected to receive the 2005 Lloyd Reuss Award for Teaching Excellence. She was selected for the creativity and dedication she has exhibited while using the A World In Motion program. Pepin has taught elementary school children for 32 years. She credits her success with A World In Motion to her mentor, Dr. Irv Krause, who has volunteered in her classroom for the past three years, encouraging students in their scientific pursuits.

The 2005 Gary Dickinson Award for Teaching Excellence recipients are Mary Sanders and Patricia Schneider. Both teachers at Derby Middle School in Birmingham, Michigan were recognized for their work with the Challenge 2 project. During their team teaching Chuck Rondeau from General Motors in Warren, Michigan was the classroom volunteer.

Both awards include \$2,000 divided equally between the teacher and the school.



Turning Kids on to Science

Science has been anything but dull in 12 Ann Arbor fifth grade classes this year. Ask the students what their favorite science activity was, and they say it's AWIM!

Fifteen TA's (Team Associates) from Toyota Technical Center mentored students through SAE's A World In Motion program.



GM and SAE Train Teachers in Indianapolis

In partnership with General Motors, SAE International conducted a teacher and volunteer workshop at Allison Transmission in Indianapolis, Indiana. The training focused on the Challenge 1 Skimmer activity, an integrated science and math unit designed for fourth grade students. Eight Allison Transmission employees participated along with four teachers from Speedway School District. The teachers involved, who were released from their regular classrooms for the training, plan to use AWIM this school year. The Allison Transmission volunteers will be assisting the students with the Engineering Design Experience in the construction of their Skimmers.

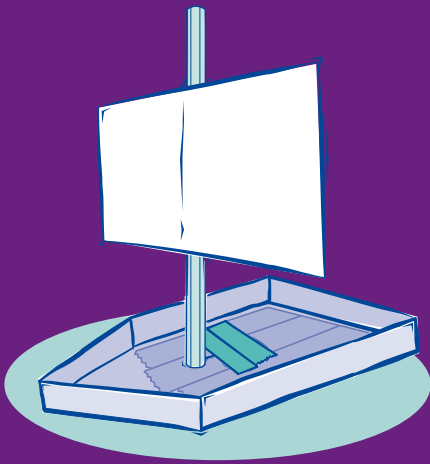
Outstanding AWIM Volunteer

The Bill Agnew Award, established in 2003, recognizes volunteers who further develop students' understanding and experience in math and science by helping teachers use the AWIM materials in the classroom. The recipient of the Agnew Award for 2006 is Melanie Glasson. Melanie, an employee of General Motors, has been the AWIM building coordinator the last two years. Melanie's volunteer work at Our Lady of LaSalette School in Berkley, Michigan has opened the world of engineering and technology to more than 50 students in grades four through six. In doing so she has shown them career paths that they would have otherwise never known.



National Rural Education Association

AWIM was well represented at the 97th Annual National Rural Education Association (NREA) Conference in Tucson, Arizona. Participants at the conference were county administrators, teachers and rural school board members with representation from 39 states. Challenges 1, 2, 3 and 4 were enthusiastically received by the rural school participants for their interdisciplinary, multi-age and real world design applications. A teacher from Helena, Montana, Edith Cranor-Buck, brought classroom materials and shared her practical classroom experience with the attendees.



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