



CONSTRUCTION
CHALLENGE

PRESENTED BY:
VOLVO
Construction Equipment

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Clayton, Ohio Students Win 2011 Construction Challenge Finals

**Winning Team from Miami Valley Career Technology Center
Is One of 24 Teams from U.S. and Canada Competing for Title**

Teams from Dallas, Texas and Carrollton, Texas Take 2nd and 3rd Place

Las Vegas – A team of students from Miami Valley Career Technology Center in Clayton, Ohio won the 2011 AEM Construction Challenge Presented by Volvo Construction Equipment.

A team from Pearce and Richardson High Schools in Dallas won second place overall and first place in the Road Rumble Challenge. A team from Creekview, R.L. Turner and Newman Smith High Schools in Carrollton, Texas took third place overall and in the Road Rumble Challenge. (See list of top-placing teams below.)

Twenty-four teams from around the United States and Canada competed for the title March 22-24 in Las Vegas during the CONEXPO-CON/AGG trade show.

The 2011 Construction Challenge had two parts: the Road Rumble Challenge and the H2Oh Yeah! Challenge. The Road Rumble Challenge required each team to build a device that delivered construction materials from one location to another over rough terrain on a custom-designed course. The H2Oh Yeah! Challenge required students to answer questions in a game show format and then participate in a mini-challenge that involved solving real-world water infrastructure problems.

The challenges allowed students to showcase their creative problem-solving skills, knowledge of mathematics and engineering and ability to work together as a team. In addition, students were exposed to leaders in the construction industry and learned about the variety of construction careers available. The winning team received scholarships and a variety of prizes.

To arrange an interview with the team or get photos from the event, please contact Molly Fuhs at molly@tricompr.com, 703-276-2772, ext. 14, or Amber Taylor at amber@tricompr.com, 703-276-2772, ext. 17.

The Association of Equipment Manufacturers (AEM) initiated the Construction Challenge in 2007 as a response to the severe shortage of qualified workers to meet future construction needs. As a sign of its success, Volvo Construction Equipment signed on as the presenting sponsor of the competition.

The Construction Challenge blends the creative problem-solving methodology of Destination ImagiNation with subject matter from AEM to create a program that engages youth in a fun learning experience and exposes them to new careers in the construction industry. After the first year, nearly 70 percent of Construction Challenge participants said they are now considering a career in construction.

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“These students continue to impress. Their knowledge of infrastructure and water issues and the devices they were able to build and maneuver over a tough course are a testament to the hard work they put in to prepare for the finals,” said Al Cervero, senior vice president at AEM. “AEM and all of our sponsoring companies look forward to the chance to welcome them into the construction industry.”

The Construction Challenge offers a chance for students, teachers, parents and community leaders to learn more about the construction industry and the need for skilled employees to deal with infrastructure problems such as crumbling bridges, overcrowded roadways and aging water and wastewater systems. The Bureau of Labor Statistics estimates that employment in the construction industry is projected to increase by 1.3 million jobs by 2018.

2011 Construction Challenge Results

Overall Winners

1st Place - Miami Valley Career Technology Center, Clayton, Ohio, sponsored by Ohio CAT

2nd Place - Pearce and Richardson High Schools, Dallas, Texas, sponsored by Kobelco Cranes North America

3rd Place - Creekview, R.L. Turner and Newman Smith High Schools, Carrollton, Texas, sponsored by Liebherr

Road Rumble Challenge Winners

1st Place - Pearce and Richardson High Schools, Dallas, Texas, sponsored by Kobelco Cranes North America

2nd Place - Bartlett High School, Bartlett, Illinois, sponsored by Volvo Construction Equipment

3rd Place - Creekview, R.L. Turner and Newman Smith High Schools, Carrollton, Texas, sponsored by Liebherr

H2Oh Yeah! Challenge Winners

1st Place - Chippewa Falls Senior High School, Chippewa Falls, Wisconsin, sponsored by Astec Industries

2nd Place - William Henry Harrison High School, Harrison, Ohio, sponsored by Gorman-Rupp Company

3rd Place - Bartlett High School, Bartlett, Illinois, sponsored by Volvo Construction Equipment

About AEM

The Association of Equipment Manufacturers (AEM) is the international trade and business development resource for companies that manufacture equipment, products and services used worldwide in the construction, agricultural, mining, forestry, and utility fields. For more information on AEM, visit www.aem.org.

About Volvo Construction Equipment

Volvo Construction Equipment (Volvo CE) is a major international company developing, manufacturing, and marketing equipment for the construction and related industries. Its products, leaders in many world markets, include a comprehensive range of wheel loaders, hydraulic excavators, articulated haulers, motor graders, soil and asphalt compactors, pavers, milling machines, compact wheel loaders and excavators, and skid steer and backhoe loaders. Volvo CE is part of the Volvo Group.

About Destination ImagiNation Inc.

Destination ImagiNation Inc., a 501 c3 non-profit organization based in Glassboro, NJ, provides numerous creative problem solving and critical thinking skills programs for people of all ages, from its Rising Stars program for ages 4-6, through its flagship programs for high school and middle school youth, to college-level challenges and corporate team building programs featuring creative problem solving for executives. For more, visit: www.destinationimagination.org.

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