

# MathMovesU: Inspiring the Next Generation of U.S. Innovators



## The Raytheon Commitment

Raytheon's MathMovesU® program was founded in 2005 to spark passion in science, technology, engineering and math (STEM) among U.S. middle school students. Combating a declining interest in STEM among U.S. children and teens, the program engages students ages 10 to 14 through interactive learning and tutoring programs, contests, events, scholarships and more.

In the past five years, Raytheon has committed more than \$60 million to MathMovesU, as well as existing STEM and education programs. Raytheon plans to invest an additional \$60 million over the next five years. The common denominator to Raytheon's many worldwide programs is the engagement of students with unique, interactive experiences that capture the excitement of math and science while inspiring, enlightening and even entertaining. Raytheon has expanded the popular MathMovesU initiative with several new programs, sponsorships and partnerships. Learn more at [www.raytheon.com/responsibility/stem](http://www.raytheon.com/responsibility/stem)



## MATHCOUNTS

Raytheon is the title sponsor of the MATHCOUNTS® National Competition through 2014. MATHCOUNTS is a math enrichment and coaching program that promotes middle school mathematics achievement in every U.S. state and territory. Learn more about MATHCOUNTS at [www.mathcounts.org](http://www.mathcounts.org)



## Sum of all Thrills™

Raytheon is proud to present the *Sum of all Thrills™*, a one-of-a-kind experience that lets children and park guests custom-design their own ride using mathematical tools and then immediately experience it in a robotic simulator. *Sum of all Thrills™* is located within INNOVENTIONS® at Epcot®, Walt Disney World®, and is the latest Raytheon effort to help educate young students about the power of math and inspire them to pursue math-related activities and careers. In addition to the experience at INNOVENTIONS, Raytheon also created a virtual *Sum of all Thrills™* experience at [www.MathMovesU.com](http://www.MathMovesU.com)



## FIRST Robotics

Raytheon is proud to support the FIRST® (For Inspiration and Recognition of Science and Technology) Robotics Competition, offering high school students a real-world engineering challenge. In 2010, the company supported 48 FIRST Robotics teams across the nation, with 11 Raytheon-sponsored teams advancing through regional competitions and participating in the National Championship.



## Team America Rocketry Challenge

Raytheon is the primary sponsor of the annual Team America Rocketry Challenge (TARC) finals — which inspires students to learn principles of aerospace engineering through a rocket-launch competition. In addition to sponsoring the annual “fly-off”, Raytheon hosts the winning team at the annual European Air Show.



## Learning Through Sports

Raytheon celebrates the history and achievement of the New England Patriots while also promoting math and science education for children through football at The Hall at Patriot Place®. Raytheon developed an interactive football-themed learning display called “In the Numbers” inside The Hall. Raytheon also sponsors the Patriots’ math curriculum and works with the Patriots Foundation to develop educational outreach programs throughout New England. Patriot Place is the official home of the New England Patriots Hall of Fame. Learn more at [www.patriot-place.com/thehall](http://www.patriot-place.com/thehall)





### U.S. STEM Education Model

Raytheon and Business Higher-Education Forum® (BHEF) have partnered to produce the first ever simulation and modeling tool for the U.S. STEM education system. This tool, known as the U.S. STEM Education Model, enables researchers, policy-makers and educators to explore policy scenarios that can strengthen U.S. STEM education and workforce outcomes. Raytheon and the BHEF have plans to develop specific state-level STEM models for use in 2011. Learn more at [www.raytheon.com/responsibility/stem/model](http://www.raytheon.com/responsibility/stem/model)



### Eduventures® Research Study

Raytheon commissioned a global research study to analyze parents' math attitudes, capabilities and students' active engagement in math-related learning in the U.S., England and Singapore. The study revealed that while parents in the U.S. are more confident in their abilities to help their children, these children are tasked with performing math at a lower level than their Singaporean peers. Visit <http://rlink.ray.com/eduventures> to read key findings from this study.



### Change the Equation

Raytheon supports our nation's efforts to improve STEM education through its membership in Change the Equation™ (CTEq). The CTEq initiative supports the president's Educate to Innovate campaign designed to increase private and philanthropic involvement in STEM education. CTEq is the first and only national CEO network devoted entirely to cultivating widespread literacy in STEM with a focus on a larger and more racially-, ethnically- and gender-diverse pool of students. Raytheon joins other companies in this effort and has pledged to invest in STEM programs during the next five years. Learn more at [www.changetheequation.org](http://www.changetheequation.org)



### Scholarships, Grants and Giving

Raytheon annually awards more than \$2 million in MathMovesU scholarships and grants to recognize students, their teachers and schools for mathematical achievement and advancement. To date, Raytheon has recognized 1,421 students and teachers and more than 500 schools nationwide. Raytheon employees also support education with their personal contributions which are matched by the company. In 2010, employee giving and matching grants for education totaled nearly \$7 million.



### Online Interactive Learning

[www.MathMovesU.com](http://www.MathMovesU.com) is a free, on-line destination that reflects the scope of Raytheon's STEM initiatives and support for STEM education. The site provides a wealth of fun, interactive games and activities for middle school students to engage in math and see its relation to real-world applications. It also offers extensive resources such as scholarship and matching grants information for parents, teachers and schools, in addition to activities to further extend classroom learning.

Go Figure.

[www.MathMovesU.com](http://www.MathMovesU.com)

