

Raytheon Initiatives: Each year, Raytheon invests in programs to help cultivate the knowledge and valuable science, technology, engineering and mathematics skills that can create sustainable careers for future innovators”

BOYS & GIRLS CLUB OF AMERICA® | Raytheon.com/responsibility/armed-services/boys_girls_clubs

Raytheon joined Boys & Girls Clubs of America as a great futures partner to establish Centers of Innovation on or near U.S. military installations that serve a high concentration of military families. At the Centers of Innovation, students work with dedicated STEM sta and Raytheon mentors to develop skills and critical thinking through real-world STEM applications. Located on or near U.S. military installations in nine U.S. cities and Ramstein Air Base in Germany, the Centers of Innovation

help young people explore robotics, rocketry and 3-D printing; interact with ight simulators; learn to code; and collaborate on projects to improve their communities.

MATHCOUNTS® | MathCounts.org Every year, nearly 100,000 middle-school students and more than 17,000 volunteers participate in MATHCOUNTS, a national competition program that promotes mathematics achievement with middle-school students across the U.S. The program culminates in the Raytheon MATHCOUNTS National Competition, which brings together 224 middle-school Mathletes® from all 50 states, D.C., U.S. territories and schools from the Departments of Defense and State. The Mathcounts website also features of the week for additional math activities or extra practice, a math video challenge and a National Math Club.

TUTOR .COM | Tutor.com/military This program allows eligible students (grades K-12) and service members in U.S. military families to connect to a live tutor online 24 hours a day, 7 days a week for one-to-one help with homework, studying, test prep, proofreading and more at no cost. Students can get personalized help in 40 Math, Science, Social Studies, English and World Language subjects, including Algebra, Statistics, Biology, Essay Writing, Spanish, German and French. Tutor.com for U.S. Military Families is funded by the U.S. Department of Defense and Coast Guard Mutual Assistance.

Core Math Tools | NCTM.org/coremathtools Core Math Tools is a downloadable suite of interactive software tools for algebra and functions, geometry and trigonometry, and statistics and probability. The tools are appropriate for use with any high school mathematics curriculum and compatible with the Common Core State Standards for Mathematics in terms of content and mathematical practices.

Below is a list and brief description of some of the most useful sites recommended by math experts.

Khan Academy | KhanAcademy.org Khan Academy is a not-for-profit site with over 1200 YouTube videos covering everything from basic arithmetic and algebra to differential equations, physics, chemistry, biology and nance, recorded by Salman Khan. He says, “I teach the way that I wish I was taught. The lectures are coming from me, an actual human being who is fascinated by the world around him. The concepts are conveyed as they are understood by me, not as they are written in a textbook developed by an educational bureaucracy. Viewers know that it is the labor of love of one somewhat quirky and determined man who has a passion for learning and teaching.”

MATHMOVESU® | Raytheon.com/responsibility/stem Raytheon believes in offering students from diverse backgrounds the opportunity for a robust education in math and science. Through MathMovesU initiatives, Raytheon works with students from elementary school through college, supports educators and policymakers,

and promotes racial and gender equality within STEM elds.

Math Playground | [MathPlayground.com](https://www.mathplayground.com) Teachers passionate about math created this site. Activities are geared for students from elementary school through middle school. Math games, logic puzzles, and word problems are just some of the fascinating interactive components which all clearly show the essential skills and common core connection for each activity.

Mathway | [Mathway.com](https://www.mathway.com)

Mathway provides students with the tools they need to understand and solve their math problems. With millions of users and billions of problems solved, Mathway is the #1 problem solving resource available for students, parents, and teachers.