

# MARINE CORPS JROTC ACTIVITIES

## Color Guard

A Marine Corps JROTC unit's Color Guard is often a very active representative of the unit at public events. Whether it's presenting the American Flag at high school basketball or football games, National Honor Society events, or school board meetings, the MCJROTC Color Guard stands ready to serve its host school. In the community, MCJROTC Color Guards perform at parades, ceremonies, and sporting events. Several Color Guard units have performed at professional sporting events, including Major League Baseball (MLB), the National Football League (NFL), the National Hockey League (NHL), the National Basketball Association (NBA), and Major League Soccer (MLS).



## Drill Team

Marine Corps Junior ROTC Cadets across the nation dedicate countless hours to the close order drill. It is written into the MCJROTC curriculum as a means of instilling discipline and esprit de corps, and continues to be one of the finest methods for developing confidence and leadership abilities of Cadets. Units compete at local, state, regional and national Drill Team competitions throughout the year. While fostering a friendly and entertaining environment, these competitions provide MCJROTC Cadets an opportunity to showcase their hours of dedication and tremendous marching skills. Marine Corps JROTC units continue to enjoy success at the annual National High School Drill Team Championships in Daytona Beach, FL.



## Marksmanship

Marksmanship is an integral part of the MCJROTC curriculum. With an emphasis on safety, the MCJROTC Marksmanship curriculum allows cadets to develop pride and a sense of accomplishment as they become more proficient with their marksmanship skills. Cadets will shoot the Daisy 853CM, an air rifle specifically designed exclusively for MCJROTC. Cadets will qualify and compete using the Three-Position Air Rifle Shooting standards. Three-Position Air Rifle Shooting is the most popular and fastest growing form of shooting sports competition for youth of high school age or younger. Two different Three-Position Air Rifle events are available. Precision Air Rifle is modeled after Olympic-style shooting and allows the use of specialized target rifles and equipment. Sporter Air Rifle is designed for new competitors or those who desire to compete with a minimum of equipment and expense. In both types of shooting, competitors fire at targets at a distance of 10 meters in three different positions, prone, standing and kneeling. Sporter and precision air rifle classes may also be combined into one "open" class. Three-Position Air Rifle provides young competitors with competitive shooting sports opportunities that can be offered on a wide variety of easily accessible or easily constructed ranges, with equipment that is commonly available at affordable costs.



## Community Service

Over the years, Marine Corps JROTC Cadets have volunteered countless hours of community service to their surrounding communities. Cadets have volunteered their time to assist food banks, remove litter in the community, visit the elderly and the sick, and in a multitude of other capacities.

## **STEM Activities**

### **SeaPerch**

One project that the cadets are involved in is known as SeaPerch, which requires designing, engineering, and building an underwater Remotely Operated Vehicle (ROV). This ROV is required to maneuver through various underwater obstacles to acquire points at each obstacle, not to mention there is a time restraint to which they need to be faster than their competitors. Cadets join the SeaPerch Team to build the ROV from a kit comprised of low-cost, easily accessible parts and by following a curriculum that teaches basic engineering and science concepts with a marine engineering theme. The SeaPerch Program provides students with the opportunity to learn about robotics, engineering, science, and mathematics while building an underwater ROV as part of a science and engineering technology curriculum. Throughout the project, students will learn engineering concepts, problem solving, teamwork, technical applications, and to be able to present their project to a panel of judges. Most cadets love to be involved in activities especially when they can get hands-on experience building and sharing their ideas.

### **StellarXplorer**

The StellarXplorers National Space Design Competition is a space system design competition that challenges teams of students (grades 9-12) to solve orbit planning, satellite component, and launch vehicle selection scenarios presented in a series of online rounds. Teams must use the provided scenario (system's mission and constraints) to provide the best solution to a typical space design problem.

### **Team America Rocketry Challenge**

TARC is the world's largest student rocket contest and a key piece of the aerospace and defense industry's strategy to build a stronger U.S. workforce in STEM. Sponsored by the Aerospace Industries Association (AIA) and the National Association of Rocketry (NAR), TARC was created in the fall of 2002 as a onetime celebration of the Centennial of Flight, but by popular demand became an annual program. Many Cadets say that they get involved with STEM projects as a form of relaxation from the academic day and allows the cadets to focus and to be excited about creating something with their own hands.

### **CyberPatriot**

CyberPatriot is the National Youth Cyber Defense Competition. The competition puts teams of high school and middle school students in the position of newly hired IT professionals tasked with managing the network of a small company. In the rounds of competition, teams are given a set of virtual images that represent operating systems and are tasked with finding cyber security vulnerabilities within the images and hardening the system while maintaining critical services in a six-hour period. Teams compete for the top placement within their state and region, and the top teams in the nation earn all-expenses paid trips to Baltimore, MD for the National Finals Competition where they can earn national recognition and scholarship money. What we try to do here in the JROTC program is challenge the cadets not only in the classroom but outside the classroom. The JROTC program still participates in drill, color guard, orienteering, fitness, and rifle but there are other challenges out there in which the cadets can participate.

