

ACADEMY STUDENT PROJECTS

Every Academy student will be required to complete a major IT or Robotics project each year. Students will be given some time to work on the projects during class but will also need to spend time outside of the regular school day in order to complete the project by the posted deadlines. All projects will be judged both by the Academy teachers and outside sources.

FRESHMEN PROJECTS

All AITR freshmen will form teams and will enter the eCYBERMISSION competition. eCYBERMISSION is a web-based science, math and technology competition for students in grades six through nine sponsored by the U.S. Army (www.ecybermission.com). Teams will be responsible for recruiting a team advisor (over 21 years of age) and fundraising for any materials necessary to complete their chosen mission. The Academy teachers will have a list of people that are willing to serve as advisors. Projects will be judged by the US Army and winning teams are eligible for over \$8000.00 in savings bonds. Any parent that wishes to participate as an advisor should contact Mrs. Urquhart either via email or phone.

SOPHOMORE, JUNIOR AND SENIOR PROJECTS

For their major project sophomores, juniors and seniors may form teams or be part of an existing team that participates in one of the following:

- FIRST FTC Robotics
- FIRST FRC Robotics
- Microsoft ImagineCup
- MIT InvenTeams
- Embry-Riddle Rocket Challenge
- ACM Programming
- Major League Gaming

These are just a few of the student competitions available in the IT, Gaming and Robotics fields. If a team has a suggestion for a student competition/activity that is not listed, they may seek approval from the Academy Director. Any activity requested must be judged by an outside entity.

Teams may elect to design and purchase t-shirts representing their team and activity. These shirts may be worn on some Academy dress Wednesdays instead of the Academy Polo.

Students choosing activities that require entry fees or materials will be required to help raise funds for those costs.

Please detach and return:

I have read and acknowledge receipt of the information regarding Academy Student Projects.

Student: _____ **Date:** _____ **Grade:** _____

Parent: _____ **Date:** _____

I am interested in becoming a team advisor/mentor: Yes No

Email: _____