



Membership in Explorer Post 1010

Name: _____

School: _____ Grade: _____

School Programs: _____
(IB, magnet, band, track)

Please circle your preference: **Robotics** **Rocketry** **Quadcopters**

We have major projects in robotics, rocketry and unmanned aircraft systems.

Robotics

We participate in the **FIRST Tech Challenge** and **Botball Educational Robotics** programs. We compete in regional, national and global competitions. We focus on autonomous robots (real robots don't need joysticks!). When nearing a competition, we meet on Saturdays and Mondays, along with general meetings on Wednesday. What about robotics interests you? If you have experience, mention that.

Rocketry

We compete in the **Team America Rocket Challenge**. We conduct local launches and enter national competitions. We conduct at least one rocket launch on Saturday every month, with two or more in February and March depending on weather and team progress. We build at the Wednesday general meetings. What about rocketry interests you? If you have experience with rockets, please mention that.

Quadcopters

We have a team in the **UAS4STEM Unmanned Aircraft Challenge**. We will meet on Wednesdays and test on weekends. What about unmanned aerial systems interests you? If you have experience with quadcopters, please mention that.

Meetings and Activities

During the year, we take field trips, e.g., to the Udvar-Hazy Air and Space Museum, the National Institute of Standards and Technology, and Goddard Space Flight Center. And, we have an annual picnic, all night laser tag event, and a fund raising car wash. These are held with consideration of school schedules, holidays, and vacations.

Participation in Explorer Post requires your attendance on all Wednesdays, some Mondays, and many Saturdays. You need to arrange your homework and prepare for tests realizing Wednesdays are scheduled. You have to get up and get going on Saturdays and days we go on trips.

Please list what might prevent you from coming on Wednesday evenings and Saturday mornings.

Why Explorer Post?

Members in the Post are diverse students who excel in multiple areas. What makes you an Explorer?

Commitment

Joining the Post entails a commitment to your team; you need to be here when the team meets. Please consider your ability to remain committed to programs, your ability to be transported to meetings in Rockville, and your accountability as a person and describe it here.

To get a better description of who you are, please be as detailed as possible.
