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COLUMBUS CITY SCHOOLS

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Prospective Robotics Advisor:

The Columbus City Schools are focused on increasing student achievement, preparing students for post secondary success, and preparing them to be competitive in the workplace. One initiative that supports this goal is the participation in FIRST Robotics. *FIRST*, an acronym (For Inspiration and Recognition of Science and Technology) is a multinational non-profit organization that aspires to transform culture, making science, math, engineering, and technology as cool for kids as sports are today.

The *FIRST* Robotics Competition is an exciting competition that teams professionals and young people to solve an engineering design problem in an intense and competitive way. The program is a life-changing, career-molding experience—and a lot of fun. The competitions are high-tech spectator sporting events, the result of lots of focused brainstorming, real-world teamwork, dedicated mentoring, project timelines, and deadlines. The involvement of the students in the *FIRST* Robotics Competition has been the motivator for learning. As a result of building the *FIRST* Robot and with support and collaboration from mentors, students have been able to integrate math and science into classroom learning. The students' experiences in designing, building, and showcasing robots in the competition will continue to influence their views of future potentials and career choices.

As an Advisor/Mentor the responsibilities would include:

- Coordination of student participation in after school and weekend activities (including Regional Competition in Cleveland on February 26-28, 2009)
- Management of student behavior
- Participation in robot design and fabrication
- Coordination of parts ordering
- Participation in the coordination of travel to various locations around town
- Coordination of school, community and parent involvement

Thank you for considering Mentoring *FIRST* Robotics.

David Madison

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