

## Registration for After School STEM activities at Cody School

The Cody PTA is thrilled to continue to offer after school STEM (Science, Technology, Engineering and Math) enrichment opportunities to our students. Following is a list of proposed offerings and registration information. As with all after school activities, we will need adult volunteers to ensure success. Please take a look at each opportunity and let me know if you are able to help. No experience or special knowledge is necessary - just enthusiasm and support! If you and/or your student is interested in any of the following opportunities, please contact Chris Cournoyer at [chris@ccx.net](mailto:chris@ccx.net) or 563-505-6703. Volunteers are needed FOR ALL classes!

AGES 6-9 - Jr. FLL: Jr. FIRST LEGO League (FLL) is a great introduction to robotics and researching a global issue for students. The theme this year is "AQUA ADVENTURE", which focuses on how important water is as a natural resource! Each team consists of 6 students and grants to register teams is graciously provided by John Deere. All information is provided on how to run a team and present information. It is not focused on "competition", but rather presentation skills and information sharing. For each group of 6 students, we will need 2 adult volunteers. For more information about Jr. FLL teams, please visit this link: <http://www.juniorfirstlegoleague.org/> . If you would like to lead a team of 6, please contact: Theresa Barber at [rvdrobotics@gmail.com](mailto:rvdrobotics@gmail.com) and plan on attending a meeting for parent volunteers FLL Jr. (grades K-4): Monday, September 11th from 5:30-6:30 pm at Riverdale Heights Library.

To register your student age 6-9 into Cody Jr. FLL, [click here for an application](#).

3rd/4th Graders: We will offer "HOUR OF CODE". The Hour of Code is a brief introduction to computer science, designed to demystify code and show that anybody can learn the basics of computer science. By starting early, students will have a foundation for success in future computer-related classes offered in junior high and high school as well as in any 21st century career path. This class will nurture problem-solving skills, logic and creativity in ways that will inspire them to keep learning. To learn more, visit <https://code.org/learn>.

REGISTRATION WILL BEGIN IN JANUARY 2018. Watch for the enews!

5th/6th Graders: Basic Robotics class: REGISTRATION FORM DUE SEPTEMBER 14th!!! In Basic Robotics, students will build and program LEGO Mindstorms EV3 robots and explore the world of robots and the technology involved with them! Join us in the Science Room every Wednesday from 3:00 P.M.—4:30 P.M. from September 22nd—November 10th Students must be picked up promptly 4:30 P.M. [CLICK HERE FOR REGISTRATION FORM](#).

5th/6th Graders: We are exploring a MicroBit Programming class as well for computer programming skills. Stay tuned for details. This will probably be in January 2018 as well.

Volunteer help is critical to the success and implementation of these programs! No experience or special knowledge is necessary! If you and/or your student is interested in any of the opportunities, please contact Chris Cournoyer at [chris@ccx.net](mailto:chris@ccx.net) or 563-505-6703.