



WEDO 2.0

ROBOTICS

CHALLENGES
for
Kids



EV3

ASCS ROBOTICS CLUBS

Wednesdays Afterschool from 2-4:15 PM Starting March 20, 2019

***Grade K-3** Students will utilize many of the **We Do 2.0** LEGO designed STEM activities to learn how the study of robots can help communities to move heavy objects, to create flood gates, to rescue people in high risk areas, to improve the speed of racecars, to design earth quake proof houses, and many other robotics applications (**Mr. Cook Instructor mr.cook@ascs.net**)

***Note: Students in Grade 3 who have completed We Do 2.0 last Fall can join the EV3 Club.**

Grade 4-8 Students will use the LEGO MINDSTORMS **EV3** advanced robotics LEGO building system, combined with the versatility of the most advanced technology ever developed, to provide students with the creative powers of the new EV3 Robot set to create and command robots that walk, talk, think and do anything you can imagine. Following step-by-step 3D building, students will use instructions to create and bring EV3 robots to life with an easy, intuitive and icon-based programming interface. (**Mr. Xavier Guzman Instructor xaviguzr@gmail.com**)

All ASCS Robotics Club members will utilize new LEGO sets and IPAD remote controls to identify/research real-life problems, brainstorm solutions to the problems, build and program robots to command the robot to solve WeDo2.0 and EV3 program/ instructor created challenging activities which teaches all students 21st century skills ...

Critical Thinking, Communication, Collaboration and Creativity.

2019 SPRING SCHEDULE

Wednesdays: March 20/27 April 3/10/24 May 8/15/22

***May 22nd -Student Robotics Demonstrations for Parents 2:30-4PM**

3:15-3:30 Snacks will be provided

4:15 Pick-Up

STUDENT _____ WEDO CLUB _____ EV3 CLUB _____ PRESENT GRADE K 1 2 3 4 5 6 7 8 (Circle)

PARENT _____ EMAIL _____

MOBILE PHONE _____ EMERGENCY CONTACT PERSON/PHONE _____

Registration Fee Due **March 15th**. Complete the Club application and return to main office with \$175 fee...Checks made out to ASCS Robotics. **NOTE: Students who have been in the EV3 Club and do NOT wish to join the senior league MAY continue in the EV3 CLUB...in this case submit this EV3 CLUB application.**