The Saint Charles Robotics Team will be offering five different summer camps this year. These camps are open to both boys and girls. All classes will be held at Saint Charles. Space is limited to the first 20 students to enroll. All course descriptions contain suggested age ranges. Students are encouraged to bring light snacks with them. Please contact Joe Moyer, jmoyer@cdeducation.org, with any questions. The price for each camp is $200 per person. Checks should be made out to Saint Charles Robotics. Please remit payment and registration forms to:

Saint Charles Preparatory School
ATTN: Joe Moyer
2010 East Broad Street
Columbus, Ohio 43209

# LEGO® Robotics

This camp is designed for students entering the fifth through eighth grades. Students will use the LEGO MIndstorm™ package to build robots to perform challenging tasks. Students will not only learn how to build, program, and operate a robot, but how to work in a team environment to accomplish a goal. The camp will be held July 16th through July 20th from 9 AM till 11:30 AM.

# JAVA™ Programming I

This camp is designed for students entering 8th through 12th grade who have a basic understanding of computers and computer languages. This course will focus on standard programming flow control and object-oriented case structures. Students will be given programming tasks to be accomplished. Students may provide their own laptop computers or use computers provided by Saint Charles. All computer software will be provided. The camp will be held July 16th through July 20th from 1 PM till 4 PM.

# Basic Game Programming

This camp is designed for students entering 5th through 9th grades who have little or no programming experience. The camp will be a hands-on lab to introduce the concepts of computer programming. Students will learn these concepts by creating and modifying two-dimensional video games. The camp will use Visual Basic as its core language. Students may provide their own laptop computers or use computers provided by Saint Charles. All computer software will be provided. The camp will be held July 23rd through July 27th from 9 AM till 11:30 AM.

# JAVA™ Programming II

This camp is designed for students entering 8th through 12th grade who have basic experience programming in the JAVA language. This course will focus on object-oriented case structures, methods, functions, and input/output. Students will be given programming tasks to be accomplished. Students may provide their own laptop computers or use computers provided by Saint Charles. All computer software will be provided. The camp will be held July 23rd through July 27th from 1 PM till 4 PM.

# Build A Bot

This camp is designed for students entering the 7th through 9th grades who are interested in building mechanical devices and robots. This camp will challenge the students to design, build, program, test, and operate a robot to accomplish prescribed tasks. All necessary materials will be provided. This camp does involve the use of hand and small power tools, so a liability waiver (attached) is required to enroll. The camp will be held July 23rd through July 27th from 5 PM till 8 PM.

**2018 Cardinal Robotics Summer Camps – Enrollment Form**

**PLEASE PRINT CLEARLY!**

Student First Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Student Last Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Student Grade Level: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent First Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Parent Last Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent Telephone: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent Email: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Signature of Parent/Guardian: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Please indicate which camp(s) in which you are enrolling:

LEGO® Robotics July 16 – 20 9AM – 11:30 AM \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

JAVA™ Programming I July 16 – 20 1 PM – 4 PM \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Basic Game Programming July 23 – 27 9 AM – 11:30 AM \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

JAVA™ Programming II July 23 – 27 1 PM – 4 PM \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Build A Bot July 23 – 27 5 PM – 8 PM \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**If enrolling in the Build a Bot camp**, please include a signed copy of the attached **waiver form** or your enrollment will not be processed. Each camp is $200 per participant and limited to the first 20 students to enroll. Please make checks payable to Saint Charles Robotics and remit to:

Saint Charles Preparatory School
Attention: Joe Moyer
2010 East Broad Street
Columbus, Ohio 43209

**2018 Cardinal Robotics Summer Camps**

**WAIVER AND RELEASE OF LIABILITY**

If you are enrolling your student in the Build A Bot Summer Camp, you must read, sign, and return this waiver document before enrollment will proceed.

I acknowledge that the Build A Bot Summer Camp at Saint Charles Preparatory School involves use of hand tools, small power tools, and building materials. The use of such tools and materials involves risk of minor injury, serious injury, death, and/or property damage. Although every reasonable effort will be made to minimize these possibilities, the risk remains. With the full understanding of the potential risks, I HEREBY ASSUME THE RISKS OF PARTICIPATING IN THE BUILD A BOT SUMMER CAMP OPERATED BY SAINT CHARLES PREPARATORY SCHOOL, COLUMBUS, OHIO .

I hereby take the following action for myself, my executors, administrators, heirs, next of kin, successors and assigns: a) I WAIVE, RELEASE, AND DISCHARGE from any and all claims of liabilities for death or personal injury or damages of any kind which arise out of or relate to my traveling to and from or my participation in any Saint Charles Robotics Summer Camp (including the Build a Bot Summer Camp), THE FOLLOWING PERSONS OR ENTITIES: Saint Charles Preparatory School, Diocese of Columbus, all coaches, employees, and representatives, and agents of any of the above; b) I AGREE NOT TO SUE any of the persons or entities listed above for any of the claims or liabilities that I have waived, released or discharged herein; and c) I INDEMNIFY AND HOLD HARMLESS the persons and entities mentioned above from any claims made or liabilities assessed against them as a result of my actions. I grant the Saint Charles Preparatory School Robotics Team the right to use my likeness and image in print, video, or electronic media form, in promotional materials [CROSS OUT this sentence if you do not wish to grant the rights described.] If the applicant is under 18 years of age, a parent or guardian must execute, in addition to the foregoing Waiver and Release, the following for and on behalf of the minor. The undersigned parent and natural guardian or legal guardian of the applicant executes the foregoing Waiver and Release for and on behalf of the minor named herein. I hereby bind myself, the minor, and all other assigns to the terms of the Waiver and Release. I represent that I have legal capacity and authority to act for and behalf of the minor named herein, and I agree to indemnify and hold harmless the persons or entities named in the Waiver and Release for any claims or liabilities assessed against them as a result or any insufficiency of my legal capacity or authority to act for and on behalf of the minor in the execution of the Waiver and Release. I fully consent to my child’s participation in the Saint Charles Build A Bot Summer Camp.

Camper Printed Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Camper Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_

Parent/Guardian Printed Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent/Guardian Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_

Please contact Mr. Joe Moyer (614) 352-7068, jmoyer@cdeducation.org, with any questions.