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Introducing Lego Mindstorms

Lego Mindstorm EV3 is a robotics kit that enables students to design, build, program, and command different styles of robots. Students will put their teamwork and problem-solving skills to use building an EV3 robot. Once built, students will learn basic programming to instruct the robot how to move within its environment and experiment with the capabilities of the EV3.



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Introducing Computer-aided Design

Step into the future where turning your ideas into reality is no longer just a dream. Students will learn to create 3D models using a CAD, or Computer-Aided Design, program. Once the model has been designed within the program, students will learn to use our 3D printer to create the design.

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Freedom Christian Academy

Robotics Camp

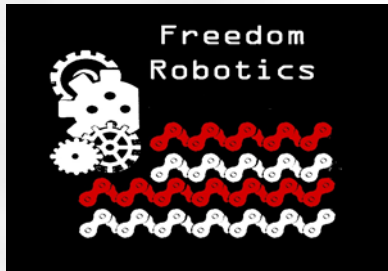


Grades: Rising 6th-8th

Dates: June 19-23

8:30-12:30

FREDOM ROBOTICS CLUB/ROBOTICS CAMP



The goal of the Robotics Club and Robotics Camp is to instill in our students 21st century fluencies that will prepare them to be citizen-leaders in a technologically-advanced future. We do this by engaging them in hands-on activities that promote problem solving and critical thinking skills in the areas of Science, Technology, Engineering, and Mathematics (STEM). Students are not only challenged to see the potential in the world of science and technology, but to see the potential in themselves through God's plan for their lives.

Faith is the substance of things hoped for, the evidence of things not seen.

~Hebrews 11:1

DETAILS

Dates: June 19-23

Time: 8:30 a.m. – 12:30 p.m.

Introduction to Robotics

Break/Snack (BYOS(+))

CAD Design/3D Printing

Cost: \$175 per student (includes \$50 non-refundable deposit); please make checks payable to Freedom Christian Academy

Deposit Due By: May 1

Balance Due By: May 31

Registration includes camp t-shirt.

Registration after May 31st will be on a space available basis and full payment will be due upon registration. No refunds after May 31.

FOR MOR INFORMATION:

910-485.7777

REGISTRATION

Name: _____

Home Address: _____

Contact Number: _____

Email Address: _____

Emergency Contact Name: _____

Emergency Contact Phone Number: _____

Grade Level Fall 2017: _____

Payment:

___ \$50 Deposit ___ \$175 (Full Amount)

Method of Payment

___ Cash ___ Check ___ Credit/Debit Card

T-shirt Size: ___S ___M ___L ___XL Child/Adult

I give the above named child permission to participate in Freedom's Robotics Camp. I also understand that the first \$50 of the camp fee is nonrefundable.

Parent/Guardian Signature: _____

Date: _____