

TOGETHER ABOVE ALL PRESENTS:

2021 SUMMER STEM PROGRAM

Come join us for a month of exciting science experiments and activities **online** and **completely free!**

EVERY SATURDAY FROM JUNE 12 TO JULY 3

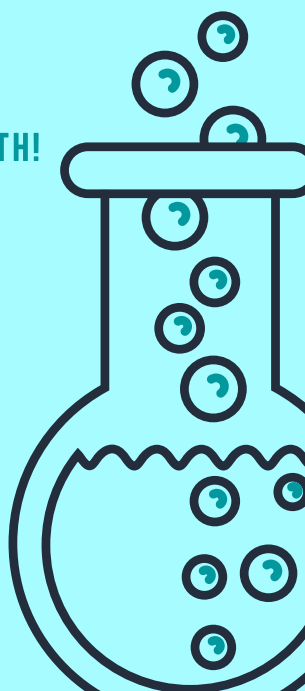
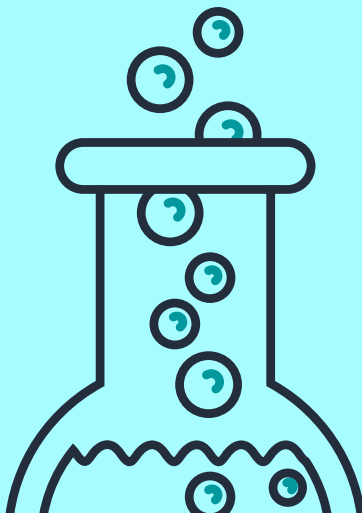
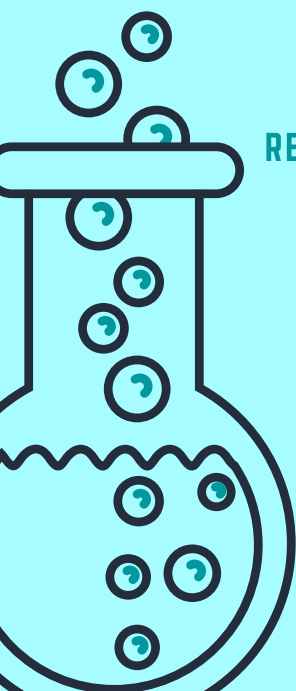
Our Summer STEM Program is an online, immersive experience for 4th to 6th graders who have an interest in STEM. Each registered student will participate in 4 weekly hands-on workshops introducing the concepts of computer programming, physics, and more!

**WE ONLY HAVE RESOURCES FOR 20 STUDENTS:
REGISTER AT THE LINK BELOW TO SAVE A SPOT!**

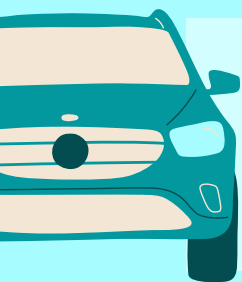
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Link is case sensitive!

REGISTRATION CLOSES JUNE 5TH!



WORKSHOPS:



WEEK 1: BALLOON CAR

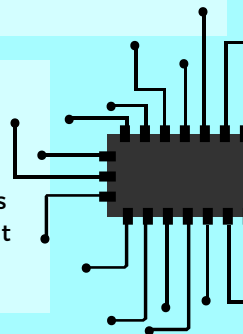
SUPPLIES SPONSORED BY KEYSIGHT TECHNOLOGIES

Students will learn about Newton's Third Law by building a balloon car and making it travel as fast and as far as possible. A surprise prize will be awarded to the farthest traveling car!

WEEK 2: STEADY HAND GAME

SUPPLIES SPONSORED BY KEYSIGHT TECHNOLOGIES

Students will each create their own "Steady Hand Game", which is similar to the popular board game Operation, while learning about how electricity is conducted and how batteries function.



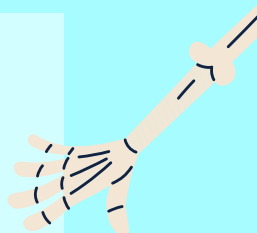
WEEK 3: INTRO TO PROGRAMMING WITH SCRATCH

With fun interactive demonstrations and MIT's Scratch software, students will get an introduction to computer programming. Each will have the opportunity to create their own, simple game using computer science principles!



WEEK 4: ROBOTIC ARM

Students will create a real, functional claw "arm" with various craft materials while learning about how different muscles in our hands allow us to perform everyday tasks. A fun prize will be awarded to the "hand" that can perform the most tasks!



CONTACT:

Summer STEM Program is organized by the student-run non-profit organization **Together Above All** that is dedicated to making STEM education more accesible, especially to underrepresented and disadvantaged groups. Find out more or contact us with questions at:

www.togetheraboveall.com
togetheraboveallofficial@gmail.com
(707) 796-3005

FREQUENTLY ASKED QUESTIONS:

WHAT KIND OF STUDENTS SHOULD SIGN UP FOR THE SUMMER STEM PROGRAM?

We encourage any 4th to 6th grade students that are curious about STEM to sign up, especially those that are underrepresented in the STEM workforce or have limited access to STEM education. Because we want to give full attention to helping our students, our workshop is limited to 20 students so sign up as soon as possible!

HOW WILL STUDENTS RECEIVE THEIR FREE WORKSHOP SUPPLIES?

Once registration is closed, based on the locations of the students, we will have kits with all the supplies and tools needed for the workshops available for pickup at a local school or library near the student.

HOW AND WHEN WILL THE WORKSHOPS BE HELD?

The workshops will be completely online to accommodate COVID restrictions and to make our program available to more students. It will be held every Saturday at a time to be decided after registration closes based on student availability.

WHAT IS THE GOAL OF THE SUMMER STEM PROGRAM?

We want to provide an immersive, hands-on introduction to various STEM concepts to students passionate about math and science, especially those with limited access to STEM education. Thanks to sponsorships from Keysight Technologies, we will be able to provide all materials free.

Got other questions? Contact us at:

www.togetheraboveall.com

togetheraboveallofficial@gmail.com

(707) 796-3005