Colorado Academy
SUMMER
Programs
Discover · Create
Innovate

SUMMER CAMP

SUMMER 2020

WEEK 5:

JULY 6 -JULY 10

VIRTUAL CAMP PROGRAMS

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SELECT 1, OR MIX & MATCH FOR MORE TIME!

B1 9:00-10:00

- SNAPOLOGY NINJA ADVENTURES (ERG 3-8)
- WORD NERDS (ERG 6-12)

B2 10:15-11:15

- STIR-CRAZY CREATIVE SNACKS COOKING CAMP (ERG 1-4)
- SNAPOLOGY SCIENCE OF SUPERPOWERS (K-4)
- NITROTYPERS (ERG 3-6)

B3 1:00-2:00

- SNAPOLOGY PLANES, TRAINS, AND AUTOMOBILES (ERG 3-8)
- YOUNG REMBRANDTS: CARS OF THE SPEEDWAY (ERG 2-6)
- LITTLE CODERS (ERG 1-3)

B4 2:15-3:15

- BEAD JEWELRY AND DECOR (ERG 2-6)
- SNAPOLOGY CASTLES, KINGDOMS, AND WIZARDS (ERG K-4)
- WORD NERDS (ERG 6-12)

ALL 1-HOUR CAMP BLOCKS ARE PRICED AT $60 OR MORE PER WEEK. ALL CAMPS ARE 5 DAYS IN LENGTH, UNLESS OTHERWISE INDICATED. PLEASE SEE INDIVIDUAL DESCRIPTIONS BELOW FOR DETAILS. ALL CAMPS ARE LISTED FOR THE RISING GRADE LEVEL.

THE FOLLOWING CAMPS ARE OFFERED AT DIFFERENT TIMES, OR OFFERED AS A MULTIPLE-WEEK OPTION.

MindDance Coding: Video Game Design with Scratch 1:00-3:15 p.m. (EGR 2-6)

Jr. Coders I 1:00pm-3:15pm (ERG 3-5)

Arcade Game Design 9:00am-12:00pm (erg 5-9)

Virtual Reality: Design Your Own Reality 9am-12pm (erg 5-9)

PLEASE SEE INDIVIDUAL DESCRIPTIONS FOR DETAILS.
ALL PROGRAMS ARE 5 DAYS IN LENGTH, UNLESS OTHERWISE INDICATED.

2D ARCADE GAME DESIGN: RETRO AND PLATFORMER GAMES

Have you ever wanted to develop your own video games? Then 2D Arcade Game Design using FlowLab Game Creator is the camp for you! This is where 2D game creation gets real. Learn how to make arcade-style games of your own creation similar to Mario Bros, Space Invaders, Frogger and much more. Learn logical skills used in the tech industry including variables, controls, and functions. Students will be able to share their games to iOS, Android, and Windows platforms for friends to play. Any computer (Win/Mac) or Chromebook; iPad will work, but not recommended.

5 days: Half Day (9am-12pm)
Teacher: Silicon Stem Academy
Entering Grades: 9-12
Cost: $325

JR. CODERS I

Designed as an early introduction to coding, this camp teaches aspiring game designers Scratch, a dynamic interactive game creation & storytelling platform from MIT. Students will learn how to animate characters, build creative games, and create fun stories with a visual block coding environment. No prior coding experience is required. This camp provides a great foundation for Junior Coders II and Coding 101. Any computer (Win/Mac) or Chromebook; iPad will work, but not recommended.
5 Days: Half Day (1pm-3:15pm)
Teacher: Silicon Stem Academy
Entering Grade: 3-5
Cost: $210

BEAD JEWELRY AND DECOR

A fun and crafty camp for your kids! Learn how to make cool wearable beaded jewelry and decorations for your home!
5 Days: Block 4
Teacher: Jennifer Arnold
Entering Grades: 2-6
Cost: $60

LITTLE CODERS

Designed for "Little Coders" ages 7-8 years, this program introduces the young aspiring coder to 2 amazing coding platforms that promote problem solving skills and attention to detail. We ask that a parent or chaperone is available to help your student login correctly and to help maximize attention spans! We'll keep this class to no more than 6 students per instructor so we can all have a fun learning experience as we inspire the next generation of coders! This daily hour-long camp is a great place for little coders to get started and we only ask that the student has general familiarity with the computer keyboard. No actual coding experience is required. We'll be exploring two educational learning programs: Kodable and Lightbot, and by the end of the week, you and your student will be able to continue forward with the programs to keep the learning and fun going!

5 days: Block 3
Teacher: Silicon Stem Academy
Entering Grades: 1-3
Cost: $65

MINDDANCE CODING: VIDEO GAMES WITH SCRATCH

Kids learn to code by creating their own video games! Each camper works with Scratch, an MIT-developed computer programming language for young people. Participants are guided through demos over the course of the week, showing them how to create many different aspects of a video game. Students are then free to create their own video games, based off of their specific interests. MindDance teachers provide inspiration and support as kids create and share their work with each other. The Scratch programming language is web-based, allowing easy access as we work from home. All campers will also receive access to a "class studio" to share their work, which students will retain access to following the camp.
5 days: 1:00-3:15 p.m.
Teacher: MindDance Coding
Entering Grades: 2-6
Cost: $144

SNAPOLOGY NINJA ADVENTURES

Sensei Wu needs you! Design a new dojo for Snapology made from LEGO® bricks and train your men to battle with the best. Go through ninja training and earn your black belt, Snapology-style. Get ready to have fun and become a Master Ninja.
5 days: Block 1
Teacher: Snapology
Entering Grades: 3-8
Cost: $60

NITROTYPERS

Today's kids have grown up using tablets, smart phones and console games, and as a result, they often rely on their thumbs to type! To be successful with most technologies, they'll need keyboard skills using all 10 fingers. This is a fun, hands-on program that teaches proper finger positioning, keyboard navigation, typing speed and accuracy. Don't worry, we make learning to type fun with a range of typing games... it's a blast! WE RECOMMEND THAT PARENTS BE AVAILABLE TO ASSIST YOUNG STUDENTS WITH ZOOM PLATFORM.
5 Days: Block 1
Teacher: Silicon Stem Academy
Entering Grades: 1-6
Cost: $65

SNAPOLOGY PLANES, TRAINS, AND AUTOMOBILES

In Snapology's Planes, Trains, and Automobiles program, children will explore the world of transportation. Students will build models of their favorite forms of transportation as they learn about energy, wheels and axles, air resistance, and more.
5 Days: Block 2
Teacher: Snapology
Entering Grades: 3-8
Cost: $60

SNAPOLOGY CASTLES, KINGDOMS, AND WIZARDS

Enter the magical world of Snapology! Have fun with dragons, crowns, knights and swords. Create your own castle using LEGO® bricks and much, much more. Let the magic begin!
5 Days: Block 4
Teacher: Snapology
Entering Grades: K-4
Cost: $60

SNAPOLOGY SCIENCE OF SUPERPOWERS

In Snapology's Science of Superpowers program, children will learn about the science behind their favorite heroes' powers. Students will learn about gravity, aerodynamics, forces, motion, and much more as they learn about flight, super villain fights, and superhero vehicles.
5 Days: Block 2
Teacher: Snapology
Entering Grades: k-4
Cost: $60

STIR-CRAZY SNACKS COOKING CAMP

'Stir crazy' will take on a tasty and fun new meaning as your child has a blast making and eating these delectable snack creations. Say good-bye to ordinary store bought snacks — and wonder which of these will be their new enticing favorite snack-time creations.

Baked Kid-Created Yum-Town Granola + Yummy Yogurt Whip + Kid-Designed Un-Recipe Smoothies
Create-Your-Own Scones + Creative Whipped Cream + Mashed Fruit Jams + Kid-Friendly Cappuccinos
Vegetable Confetti Potstickers + Chinese Sweet Five-Spice Dipping Sauce + Steamy Ginger Green Tea
Lemon Apple Yogurt ½ Pound Cakes + Yummy Yogurt Glaze + Sweet Apple Slaw + Lemon Apple

5 Days: Block 2
Teacher: Sticky Fingers Cooking
Entering Grades: 1-4
Cost: $96

WORD NERDS

Learn the fascinating origins of the English language, do word puzzles, and learn real skills that will help you break down and understand new words as you learn them. Helps boost standardized test scores!
5 days: Blocks 1 and 4
Teacher: Stephanie Turner
Entering Grades: 6-12
Cost: $60

YOUNG REMBRANDTS: CARS OF THE SPEEDWAY

Feel the rush and excitement of Young Rembrandts' "Cars of the Speedway" Summer Art Workshop. Be prepared to experience the thrills of the motor speedway as we illustrate a variety of racing scenes over the course of five classes. Realistic stock cars and formula racers will be drawn and we will draw a variety of cartoon cars.
5 Days: Blocks 3
Teacher: Young Rembrandts
Entering Grade: 2-6
Cost: $72

VIRTUAL REALITY: DESIGN YOUR OWN REALITY

LIVE ONLINE. The use of Virtual Reality is changing the face of computing and user applications before our very eyes! This camp teaches one of the most advanced VR design applications in the industry, Blocksmith, which allows students to easily make VR/AR experiences, games and more for both desktop and mobile. Students will design their own 3D environments and then immerse themselves directly into it with Google Cardboard headsets. This is a one-of-a-kind "virtual" Summer Camp program offered exclusively by Silicon STEM. This camp is suitable for PC or Mac Computers (No Chromebooks)

5 Days: Half Day (9am-12pm)
Teacher: Silicon Stem Academy
Entering Grade: 9-12
Cost: $350

CA's Virtual Camps will be engaging, enriching, and fun for your kids.

You'll have some uninterrupted time, which we suspect you need more than ever right now. We only ask that a parent is nearby while your child is in virtual camp.

All virtual camps will be offered on the Zoom platform. Careful consideration will be given to privacy and safety in this virtual environment.

Registration is open!

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