



SUMMER CAMP

**SUMMER 2020
WEEK 6:
JULY 13 - JULY 17
VIRTUAL CAMP PROGRAMS
WWW.COLORADOACADEMYSUMMER.ORG**

SELECT 1, OR MIX & MATCH FOR MORE TIME!

B1 9:00-10:00

- CHESS (ERG K-8)
- LITTLE LIBRARIAN (ERG K-3)
- SNAPOLOGY BRICK ART AND DESIGN LAB (ERG K-3)

B2 10:15-11:15

- DISCOVERING DINOSAURS (ERG PK-2)
- SNAPOLOGY MOVIE FAVORITES (ERG 2-5)
- CHESS (ERG K-8)



B3 1:00-2:00

- KID'S TAKES ON CLASSICS COOKING CAMP (ERG 2-6)
- SNAPOLOGY FROZEN (ERG K-2)
- CHESS (ERG K-8)
- LITTLE CODERS (ERG 1-3)

B4 2:15-3:15

- YOUNG REMBRANDTS: HORSES, HORSES, AND MORE HORSES (ERG 1-5)
- SNAPOLOGY WONDERFUL WIZARDS (ERG K-3)
- LITTLE CONDUCTORS MUSIC WORKSHOP (ERG 3-6)

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)

Python Bootcamp 9:00am-4:00pm (ERG 8-12)

Jr. Minecraft Modders 9:00am-12:00pm (ERG 3-5)

2D Arcade Game Design: Pong and Sudo Snake 9:00am-11:15am (ERG 4-8)

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



2D ARCADE GAME DESIGN: RETRO AND PLATFORMER GAMES: LIVE ONLINE

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

DISCOVERING DINOSAURS

Students will travel far back in time and explore the world of the stegosaurus, tyrannosaurus, and raptors. They will identify basic body parts, habitats, and diets of some of their favorite dinosaurs, all while practicing counting and colors, and having fun!

5 Days: Block 1
Teacher: Snapology
Entering Grades: PreK-2
Cost: \$60

CHESS

This camp is open to beginner and intermediate players. Students will learn chess strategy and tactics, as well as etiquette. Sign your budding chess player up for multiple sessions, because a new topic is taught during each session, and each week, throughout the Summer. Depending on your child's ability and knowledge of the game, the instructor individualizes lessons so that all chess players are learning, being challenged, and playing at their level. The class is taught by National Master and five-time Denver Chess Champion, Todd Bardwick.

5 days: Blocks 1, 2, 3
Entering Grades: K-8
Cost: \$94

JR. MINECRAFT MODDERS

LIVE ONLINE. Learn the basics of Modding Minecraft using Java programming in a friendly, accessible and age-appropriate block coding format. Imagination is your only boundary as you will learn to modify your worlds, player and gear. Explore a selection of pre-generated worlds and tasks as you learn the fundamentals of "Modding" (short for Modifying). This camp is specifically designed for the 8 - 10 year old who is a Minecraft fanatic interested in learning the basics of "Modding" and customizing their Minecraft worlds. WINDOWS OR MAC COMPUTERS ONLY - no Chromebooks

5 days: Half Day (9:00am-11:15am)
Teacher: Silicon Stem Academy
Entering Grades: 3-5
Cost: \$205

KID'S TAKES ON CLASSICS COOKING CAMP

Many of our young chefs have told us that these Sticky Fingers Cooking recipes are their favorite all-time 'classics'! Your child will have so much fun creating these recipes, they may very well become family classic favorites that everyone will want to make again, again and AGAIN!

Ooey-Gooley Cheesy Pizza Bombs + Caprese Salad-on-a-Stick + Kid-made Basil Cream Sodas Spanish Empanada de Manzana (apple pies)+ Sorbete (sorbet) de Manzana Mini Mahogany Cakes + Cheery Cherry Chocolate Drizzle + Iced Cherry Vanilla Spritzers Lulu's Lucky Lo Mein Noodles + Crazy Delicious Caramelized Cabbage + Chinese Sweet Soy Splash + Green Tea Smoothies Chef Shepherd's Pie + Fresh Spinach Salad + Emerald Ranch Dressing + Lucky Limeade

5 Days: Block 3
Teacher: Sticky Fingers
Entering Grade: 2-6
Cost: \$96

LITTLE CODERS: LIVE ONLINE

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: ART AND ANIMATION 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 on 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: Half Day (9:00am-11:15am)

Teacher: MindDance Coding

Entering Grades: 2-6

Cost: \$144

LITTLE CONDUCTORS MUSIC WORKSHOP

Have you ever dreamed of conducting an orchestra? Learn basic music skills and try your hand at conducting!

5 Days: Block 4

Teacher: Jennifer Arnold

Entering Grades: 3-6

Cost: \$60

LITTLE LIBRARIAN

Let's get reading- pick books from your home library to share and read with everyone. Students will actively read and be read to. Kids will work on retention and comprehension in a fun way with their peers.

5 Days: Block 1

Teacher: Jennifer Arnold

Entering Grade: k-3

Cost: \$60

PYTHON BOOTCAMP

LIVE ONLINE. This intermediate Coding Boot Camp in Python Programming offers teens an opportunity to expand their coding knowledge in one of the most widely used general-purpose programming languages in mainstream use today. Python's popularity is born out of its simplicity, efficiency and overall ease of readability. Learn the principles, common programming applications and general use of Python, including variables, user input, operators and command structures. This all-day, week-long bootcamp is offered exclusively to students in grades 8-12 by Colorado's #1 STEM Enrichment Provider, Silicon STEM Academy. Students should have a basic understanding of command-line programming before taking this Boot Camp..

5 Days: Full Day (9:00am-4:00pm)

Teacher: Silicon Stem Academy

Entering Grade: 8-12

Cost: \$675

SNAPOLOGY BRICK ART & DESIGN LAB

Edgar Degas, a famous artist, once said, 'Art is not what you see, but what you make others see'. As your child learns about different types of art and the periods they were created, students will be interpreting what they see and creating their own works of art using LEGO® bricks. Through Snapology's interactive Art History class, children will learn about Da Vinci's Mona Lisa, Van Gogh's Starry Night, Wright's Falling Water, and many more!

5 days: Block 1
Teacher: Snapology
Entering Grades: K-3
Cost: \$60

SNAPOLOGY WONDERFUL WIZARDS

Enter the world of wizards and witches in Snapology's Wizarding program, inspired by Harry Potter and other amazing wizards. In this program, your child will be inundated by the magic of places like Hogwarts, by not only creating the castle itself, but undergoing a special house ceremony where they are sorted and use their own imagination to recreate the houses' special secret rooms and coat of arms!

5 Days: Block 4
Teacher: Snapology
Entering Grade: K-3
Cost: \$60

SNAPOLOGY FROZEN

Do you want to build a snowman with Elsa and Anna?! Design your own Ice Castle, create your own snowman, like Olaf, and love is an open door is only a snowflake away. Have a blast as you create your own kingdom of Arendelle using LEGO® bricks. For the first time in forever you will be building with LEGO® bricks and Frozen all in one world!

5 Days: Block 3
Teacher: Snapology
Entering Grade: K-2
Cost: \$60

SNAPOLOGY MOVIE FAVORITES

"We'll focus on our favorite movies and characters! Monday and Tuesday: Onward, Wednesday: How to Train Your Dragon, Thursday and Friday: Trolls"

5 Days: Block 2
Teacher: ISnapology
Entering Grade: 2-5
Cost: \$60

YOUNG REMBRANDTS: HORSES, HORSES, AND MORE HORSES

Five fun-filled days await our students as we explore the wonderful world of horses. Horses are not only graceful and majestic animals, but they are also excellent subjects to draw and color. In our Young Rembrandts Horse Drawing Workshop, our students will learn how to draw horses of all shapes, sizes, and styles. We'll use different media to create colorful compositions which help our students strengthen their coloring skills. Challenging drawings reward our students with a greater sense of accomplishment.

5 Days: Block 3
Teacher: Jen Werner
Entering Grade: 4-6
Cost: \$60

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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