

Animation & Digital Art

Instructor: Naomi Hutchens

Grades: 9-12

Dates: 9/28-10/23 (Zoom Wed, 1 pm)

Cost: \$195



Have you ever wondered how CG and VFX artists are able to make stunning visuals using a computer? Are you ready to push your drawing skills to create digital paintings or animated videos? This course will focus on three main aspects of creating digital magic: Pixel Painting, Photo Manipulation, and Animated Images. We'll use free programs for your mobile device and desktop computer, as well as hand drawings or stop motion animations using paper and clay. Students will share their works in progress with the class during weekly Zoom meetings and have an opportunity to ask questions and gain feedback.

Archaeology

Instructor: Sam Coffman

Grades: 4-8

Dates: 9/28-10/30 (Zoom Mon, 1 pm)

Cost: \$195



Discover how archaeologists answer questions about the past from artifacts, features, and animal bones. Pre-recorded videos will be presented online to teach the fundamentals of archaeology and show what it takes to be a real-life archaeologist. Each week there will be a new video, activities to complete, and a Zoom session with a professional archaeologist for a group discussion.

Babysitter Training (including First Aid & CPR)

Instructor: Theresa Parent

Grades: 6-10

Dates: 9/28-10/30 (Zoom Fri, 2 pm)

Cost: \$295



This course is designed for preteens and teens who are preparing to manage the safety and care of younger children, and to understand the business around being a babysitter. Official Red Cross certification in Babysitting, First Aid, and CPR is included. While most content is provided via weekly Zoom meetings, you must meet with the instructor for a one time, 1-on-1, in-person (but socially distanced) training to complete the skills required for this certification program. As such, it is open only to students who are in/able to travel to Fairbanks for the approx. two hour, one-time training.

Baking Together

Instructor: Sean Walklin

Session I: Grades: 6-9 **Dates:** 9/28-10/30

Session II: Grades: 3-5 **Dates:** 11/2-11/30

Cost: \$195 (Zoom Mon, 3 pm)



Baking for the beginner and more experienced bakers who will hone their skills with baked goods like muffins, cinnamon rolls, breads, cakes, and homemade pizza. There will be weekly meetings with Chef Sean to show off their creations (if they haven't been eaten), as well as discuss the challenges of the baking process.

Cartooning

Instructor: Chaweinta Hale

Grades: 7-12

Dates: 9/28-10/23 (Zoom Sat, 1 pm)

Cost: \$195



Comics combine all features of cartooning that there is! By doing comics we learn how to exaggerate expressions, poses, and character design on paper, all while telling a story.

Explorations in Art

Instructor: Jess Peña & Jesse Hensel

Grades: 4-6

Dates: 9/28-10/23 (Zoom Fri, 3:30 pm)

Cost: \$195



Art is foundational and fun! Over the course of four weeks, students will explore strategies, materials, and techniques for making and understanding art. Explorations will include exposure to a variety of artists and art concepts, expression through drawing and painting, and the importance of individual and group reflection in a developing art practice. Each week will begin with asynchronous online lessons introducing concepts and project information and will conclude with a Zoom meeting to share and discuss artwork.

Geophysics

Instructor: Geneva Mottet

Grades: 7-9

Dates: 9/28-10/23 (Zoom Tues, 3 pm)

Cost: \$195



Discover the physics of rocks and how the Earth formed! Get hands on with experiments simulating plate tectonics and find the density and other properties of the various rocks which make up our earth.

For more information, visit:

sites.google.com/alaska.edu/365-smart-academy/home



Building an Indoor Garden

Instructor: Melissa Sikes

Grades: 4-6

Dates: 9/28-11/6 (Zoom Thurs, 1 pm)

Cost: \$195

Build an indoor system to grow your own veggies year-round and have a salad you grew in the middle of January. Discover how you can grow veggies and flowers in other ways including hydroponics and aquaponics. Included are practical easy-to-use indoor gardening activities, STEM-based lessons about plants, and simple, inexpensive, but effective techniques for indoor gardening.



Junior Author

Instructor: Nate Bauer

Grades: 7-9

Dates: 9/28-11/6 (Zoom Tues, 11 am)

Cost: \$195

There's an author in all of us! Writing creatively can open a world of creative thinking and personal expression. This course will focus on developing a personal voice, writing from a point of view, and ideas of genre, theme, and audience. We will also explore online publishing platforms for successful student work. Students will view recorded videos, submit new weekly writing assignments and revisions, and participate in weekly online Zoom discussions with a professional editor and scholarly book publisher. Write on!



PE with a Pro

Instructor: Eliska Albrigtsen

Grades: 2-6

Dates: 9/28-10/30 (Zoom Wed, 10 am)

Cost: \$195

A healthy body promotes a healthy mind. Join Eliska Albrigtsen, UAF's ski and cross country coach, as she guides a weekly 30-minute workout to increase fitness and agility. Training will be a fun-filled adventure throughout the week with YouTube videos as well as a personal workout chart to mark the student's progress and keep them motivated.



Photography

Instructor: JR Ancheta

Grades: 6-9

Dates: 9/28-10/30 (Zoom Tues, 9 am)

Cost: \$195

Discover the basics of photography including how cameras work and even try to make a homemade camera using items that you may have readily available at home. Learn how to use any camera to make beautiful images. Use photo-editing software to do cover composition and photo editing techniques.



Rocks Rock: Geology

Instructor: Geneva Mottet

Session I: Grades: 4-6 Dates: 9/28-10/23 (Zoom Tues, 2 pm)

Session II: Grades: 2-3 Dates: 9/28-10/23 (Zoom, Tues, 1 pm)

Cost: \$195

Start to build a geologist's rock collection and learn how crystals are classified. Plus, get hands on by growing your own crystals and breaking your own geodes! Students will receive kits for the following activities: building and displaying a rock collection, growing your own crystals, fossilizing a sponge, making stalagmites and stalactites.

Sculpture and 3D Design



Instructor: Kati Reed

Grades: 7-12

Dates: 9/28-10/23 (Zoom Fri, 12:30 pm)

Cost: \$195

Sculpture and 3D Design encourages students to explore the 3-dimensional art world. You will utilize and build on skills used in sculpture and 3D art. You will create original, imaginative works of 3D art with inexpensive and easy to find items including those commonly found around the house.

STEAM Ahead



Instructor: John Sassman

Grades: 4-6

Dates: 9/28-10/30 (Zoom Wed, 3 pm)

Cost: \$195

STEAM stands for: Science, Technology, Engineering, Art, and Math! You will be guided through a star lineup of activities and experiments, including: Towers, Scribble Bots, K'NEX Bridge-building, and Making the Mars Pathfinder.

TO REGISTER:

Connections Homeschool Program -

Contact Contact Jeff Moore at

907-714-8921 or

jmoore@kpbsd.k12.ak.us

365 SMART (Science, Math, Art, Recreation, and Technology) Academy

All courses consist of Zoom meetings, YouTube videos, and kits for hands-on activities at home.

To register, contact your homeschool. Spaces in each class are limited.

For questions or information about the courses, contact Summer Sessions & Lifelong Learning at (907) 474-7021 or email summer@alaska.edu.