

K12 Online Summer Camps



Our online summer camps are a great way to get and stay connected to your school community this summer. These virtual camps* are each only one-hour long and are scheduled late-June through mid-August. Get ready to make new friends, have fun, and explore interesting topics!

All sessions (K-12) will be held at 2 PM (ET), 1 PM (CT), 12 Noon (MT), 11 AM (PT & Arizona)

K-2 Maker Camps

Summer is for fun! We want to encourage our young ones to stay inquisitive and adventurous with our schedule of Maker Camps for students in kindergarten through 2nd grade. We will have fun, and maybe even get our hands a little dirty as we play and make cool creations.

Growing Grass House

Tuesday, June 20

Supply list: Scissors, rectangle sponges, grass seed, and water

Lava Lamp

Tuesday, June 27

Supply list: Cooking oil, water, food coloring, an empty water bottle, and antacid tablets (Alka Seltzer® or similar)

Tape Art

Tuesday, July 18

Supply list: Small canvas, paint, paint brushes, and blue painter tape

Hot Air Balloon Paper Crafts

Tuesday, July 25

Supply list: 5 different colors of construction paper, glue, scissors, string, and an empty toilet paper roll

DIY Kites

Tuesday, August 1

Supply list: Plastic tablecloth, duct tape, crochet type thread, two dowels (or straight sticks), kitchen twine, and pencil

Bird Feeders

Tuesday, August 8

Supply list: Toilet paper roll, sturdy sticks 2 per roll (6-8 inches long), bird seed, peanut butter (can use something else similar to peanut butter), string or ribbon, and a hole punch

Camp listings continue on the next page.

**All identified supplies provided by families.*

[Click here](#) to log in.

Please log in to sessions using the following format: School_First Name

Example: GCA_Sam



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3-6 Maker Camps

Maker Camp for grades 3-6 is geared toward students interested in DIY, making, creating, crafting, tinkering, and learning. Maker Camp is a place where children can share their ideas and learn about new ways to create. Students will be encouraged to explore different ways to make and create hands-on projects and be given sure-fire starter projects that will get them inspired to do more. Having the supplies for the session is not mandatory, but is helpful if you would like to craft along with our staff during the live sessions.

Discovering Hidden Codes

Wednesday, June 21

Supply list: Scissors, paper, and pencil

Weather in a Jar

Wednesday, June 28

Supply list: Jar with lid, boiling water, ice, shaving cream, food coloring

Stomp Rockets

Wednesday, July 19

Supply list: A cut portion of a garden hose or bike tire tube 15-30 cm long, 1 to 2 pieces of cardstock (heavy paper), scissors, invisible tape, 2L plastic bottle, and duct tape

Build a LEGO Car

Wednesday, July 26

Supply list: Big bucket of LEGO blocks (be sure to have some wheels)

Composting Bin

Wednesday, August 2

Supply list: Bucket or bin, soil, and leaves or grass

Minecraft

Wednesday, August 9

Supply list: Pencil and paper

7-12 Maker Camps

Tessellations

Thursday, June 22

Are you an artist, scientist, or mathematician? Or do you just like learning? If so, come explore the tessellations, which are polygons that fit together with no gaps and no overlaps. Tessellations can be found everywhere around you, nature has the coolest tessellations. Designs for fabric, buildings, floor tiling, and much more use tessellations. Even designing space stations has aspects of tessellation included.

Supply list: Pencil and paper

3D Drawing of Prisms, Pyramids, and Cylinders

Thursday, June 29

Join the fun and creativity of learning how to draw 3D shapes quickly and accurately! Once the simple technique is learned, we will also review shading of the shapes based on a light source. You will practice the different values to create a realistic image. All you need to participate is pencil, paper, and an eraser. During the session, you may be able to use the Blackboard Collaborate tools to practice the 3D shapes.

Supply list: Pencil, paper, and eraser

Family First Aid Kit

Thursday, July 20

Join us for this basic skills session where participants will learn first aid steps for the most common household injuries. We will hunt for household dangers and discuss ingredients for a family first aid kit. This is a good refresher for those trained in the past, or a great introduction to care for students who want to start with the basics!

Supply list: No supplies list provided, but recommendations will be made during the live session

Build a Terrarium

Thursday, July 27

Building a terrarium is a great way to use your creativity. A terrarium is a miniature garden enclosed in its own little world. Join us to learn more about terrariums and how you can build one for yourself, or to give as a gift.

Supply list: Jar, planting soil, chia seeds, and rocks

Summer Cooking

Thursday, August 3

Do you enjoy learning tips and tricks to use on recipes that you create for your friends and family? This session will give you an opportunity to continue that love for cooking. You will learn summer recipes, tips and tricks for tools used in the kitchen, and hear ideas from others that will inspire you to keep cooking.

Minecraft

Thursday, August 10

Using Minecraft software (free demo account will be provided), students map out a detailed and proportional design plan for a historically accurate outer wall and the interior chambers of a 3D Egyptian pyramid. Students will then be able to create the structure independently.

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