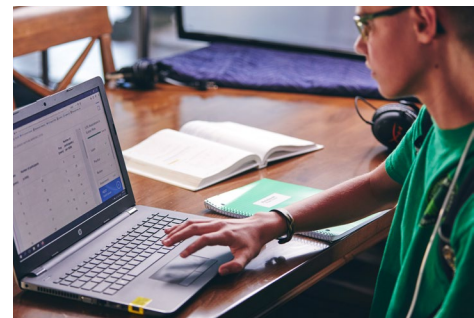


# 2020 K12 Summer Camps



Our online summer camps are a great way to get and stay connected to your school community and other students across the county. These virtual camps are scheduled from June through August and last anywhere from 30 minutes to one hour per session. Once you register, Summer Camp sessions for your grade level will be available in your Online School each week on Monday. We offer camps at multiple times to accommodate multiple time zones and family schedules, so you can attend the day and time that works for you. Attend one session or all of them to make new friends, have fun, and explore interesting topics!

[CLICK HERE](#)

**TO REGISTER FOR A SESSION**

## K–2nd GRADE SUMMER CAMPS

### **LEGO® Camp**

There's so much to love about LEGO! Join us for a summer's worth of LEGO time as we learn and share ways to have fun with these colorful building blocks. Each session will be filled with trivia, games, and building challenges to test your LEGO skills.

*Materials Suggestions: LEGO or other building blocks*

### **Youth Jam**

Crank up the music and join us for a virtual dance party where students can have fun with music and fitness. This session connects students across the country as they get up and dance together.

### **Super Soap**

Join us for storytime and hands-on science as we talk about the incredible power of soap! In this 30-minute session, we'll learn about and see firsthand how soap repels germs.

*Materials Suggestions: bowl of water, black pepper, and small amount of liquid hand soap*

### **Magic Colors**

Discover a kaleidoscope of magical colors. Join us for a 30-minute session as we mix colors, read stories, and experiment with food coloring.

*Materials Suggestions: food coloring, shallow bowl, small amount of milk, toothpick or cotton swab, and small amount of dish soap*

### **The Mighty Sun**

The sun is the center of our solar system, and it provides light for our days as it heats the place we call home. Join us for a 30-minute session as we discover solar science, read stories, and experiment with the power of the mighty sun.

*Materials Suggestions: two glasses or clear plastic cups, ice cubes, water, paper, pencil, and crayons*

### **The Marvelous Moon**

On clear nights, you can't miss the beauty of the bright moon surrounded by the stars of our solar system. Come share stories and learn interesting facts about the marvelous moon in this 30-minute camp session.

*Materials Suggestions: two or three balls, and a flashlight*

Camp listings continue on the next page.



## Wonderful Weather

We're surrounded by wonderful weather that gives us sunny days, rainy days, and everything in between. Join us for a 30-minute camp session as we share weather stories and experiment with making our own clouds.

*Materials Suggestions: empty and clear 2-liter bottle with the top third cut off, hot water, and ice*

## Rock Bugs

Bugs and spiders, oh my! Join this session if you love the creepy crawly things in life. We will share stories, play games, and try our hand at building our very own rock bugs.

*Materials Suggestions: rock, pipe cleaners, straws or twigs, glue, paint, and paintbrush*

## Leafy Art Inspirations

Nature often inspires art, and in this summer camp we'll have fun with items we collect from our own backyards. Look around outside your home to find leaves and items in nature that inspire you.

*Materials Suggestions: leaves and other found items, printer paper, and crayons*

## 3rd–5th GRADE SUMMER CAMPS

### LEGO® Maker

Do you love to build and use your imagination to make different creations? LEGO building blocks provide an excellent way to let your creative juices flow. In this session, we'll explore LEGO engineering and discover what being a maker really means.

*Materials Suggestions: LEGO or other building blocks*

### Balloon Rockets

3-2-1 blast off! Did you know that you can make a balloon fly through your room on a straw? Let's discover different ways to build a balloon rocket.

*Materials Suggestions: string, balloon, straw, tape, and other items from around the house*

## Homemade Greeting Cards

Homemade cards are a great way to bring smiles and joy to others. In this session, we'll learn about how we can use items around the house to make beautiful and thoughtful cards. You can use these for birthdays, thinking-of-you cards, friendship cards, and much more.

*Materials Suggestions: cardstock, construction paper, printer paper, glue, scissors, markers, crayons, and items to be creative such as buttons, pressed flower petals, yarn, or ribbon*

## Salt Dough Ornaments

Making homemade ornaments can be so much fun! In this session, we'll get our hands dirty learning how to make salt dough ornaments. They can be made in many different shapes and sizes, so be prepared to get creative.

*Materials Suggestions: 2 cups all-purpose flour, 2 cups salt, 1 cup of water, cookie cutters, rolling pin, and help using the oven*

## Rainy Day Fun

Do you ever have those days where you're stuck inside and just don't know what to do? This session is perfect for a rainy day. We will learn some fun, creative ways to keep our bodies and brains moving regardless of the weather. Some examples include balloon tennis, crepe paper laser maze, floor maze, and ring toss.

*Materials Suggestions: paper plate, balloons, crepe paper, masking tape, empty paper towel roll, paint stir stick or another item to make a tennis paddle, and imagination*

## Canvas Tape Art

In this session, we explore the possibilities of creating art using tape and paint. You'll love these fun, eye-catching painting ideas. Bring your creativity and imagination to this session.

*Materials Suggestions: blue painters tape, small canvas or thick, heavy paper, and paintbrushes*

## Homemade Foosball Box

Foosball is a game that's been around for a long time. And we can build this game right at home so you can play with your family and friends. Let's go for the goal!

*Materials Suggestions: 12 large craft sticks, a large shoebox, dowel rods, scissors, tape, glue, markers, and help from a grown-up*

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TO REGISTER FOR A SESSION

## Duct Tape DIY

There are so many creative uses for Duct Tape. It can be so much more than a fix-all. In this session, we will explore interesting facts about this amazing adhesive and create some super fun projects.

*Materials Suggestions: duct tape, scissors, and a ruler*

## Cooking

For the love of food—join us for a fun session about some cooking strategies and tips for fun summer dining. We will be making some delicious pico de gallo, guacamole, and healthy popsicles.

*Materials Suggestions: tomatoes, red onion, limes, cilantro, avocados, fresh or frozen strawberries, honey or sweetener of choice, and cream (can be substituted with almond milk, coconut milk, or Greek yogurt)*

## Towers and Bridges

Towers and bridges are amazing architectural feats, the engineering of which has created some of the world's most famous designs. In this session, we will learn about some of the different architectural features and details around the world and what makes towers and bridges so interesting. You will be challenged to build your own creation with materials you have around the house.

*Materials Suggestions: paper, blocks, tape, and other materials you think might work*

## 6th–8th GRADE SUMMER CAMPS

### LEGO® Maker

Do you love to build and use your imagination to make different creations? LEGO building blocks provide a fantastic way to let your creative juices flow. In this session, we'll explore LEGO engineering and discover what being a maker really means.

*Materials Suggestions: LEGO or other building blocks*

## MythBuster Building Challenge

What happens if we huff, and we puff, and we blow the house down? In this engineering session, you'll put on your thinking cap and challenge your STEM skills. Can a structure made of only marshmallows and toothpicks hold up to the test? Learn how to build a structure using a few household items, and see if your design can take the blow!

*Materials Suggestions: toothpicks (one small box), mini marshmallows (one bag), paper plate, 100 or more pennies*

## MythBuster Building Challenge Showcase

This session will showcase the students who took the MythBuster Challenge. We'll share the projects completed by students who put their engineering skills to the test. Can you predict which designs will work the best?

## Chemistry Chaos

Chemistry can be messy and fun, and in this summer camp session, we'll make sure it's both! You'll explore the world of chemistry with cool demonstrations and conduct your own chemical reaction!

*Materials Suggestions: hydrogen peroxide, packet of yeast, food coloring, dish soap, empty soda or water bottle, mixing cup, paper towels, and a spoon*

## Egg Drop Challenge

Which came first—the chicken or the egg? The answer doesn't matter in this challenge! Come and design a safe transport for your egg to drop from the sky. We'll see which designs can keep the egg fully intact! This is a great STEM project for testing hypotheses while learning about physics, fluid dynamics, and materials science.

*Materials Suggestions: an egg, sandwich bag, box of toothpicks, string, scissors, four paperclips, five cotton balls, strong tape, five pipe cleaners, five rubber bands, printer paper, newspaper, cardboard, three plastic cups, and three balloons*

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Camp listings continue on the next page.



## DIY “Junkbot” Robot

Have you ever wanted to build a robot? This summer camp session is for you! Building “junkbots” is a fun activity where you can turn recycled materials—like plastic bottles and cardboard tubes—into robots. BEEP ... BOOP ... BEEP!

*Materials Suggestions: motor with batteries (could be from an electric toothbrush or a hardware store), strong tape or adhesive, and decorative items or recycled materials for construction such as empty soda bottles, cardboard tubes, popsicle sticks, or straws*

## DIY “Junkbot” Robot Challenge Showcase

This session will showcase the students who took the “Junkbot” Challenge. We will share the projects completed by students who put their engineering STEM skills to the test. Get ready for the robots!

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*Materials Suggestions: duct tape, scissors, and a ruler*

## Virtual Field Trips

Behold, the world is yours to explore! Join us as we virtually travel around the globe exploring different countries and amazing sites. Grab your virtual passport, and let’s tour the world together.

## Cooking

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*Materials Suggestions: tomatoes, red onion, limes, cilantro, avocados, fresh or frozen strawberries, honey or sweetener of choice, and cream (can be substituted with almond milk, coconut milk, or Greek yogurt)*

## Comic Book Makers

Have you always wanted to design your own comic book? Now is your chance! This camp will cover the basics of developing a storyboard, designing characters, and then digitally converting the art into a paneled structure to share with your friends and family.

## 9th–12th GRADE SUMMER CAMPS

### An Introduction to Esports

In this session, students will learn about esports and have an opportunity to match up and play with other K12-powered students while developing teamwork and leadership. Each week will feature a different game including Rocket League®, Super Smash Bros Ultimate™, and Fortnite.

*Required Materials: Students are responsible for providing their own PC or console and game license.*

### LEGO® Maker

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