



**TGR**  
**LEARNING LAB**

# 2022 VIRTUAL SUMMER CLASSES



## Registration: July 11 – July 28 | Deadline: Friday, July 1

At the TGR Foundation, we are focused on opening your mind to potential careers and college majors. Instructors at the TGR Learning Lab in Anaheim will be offering FREE virtual summer classes for students across the nation. These classes will be open students who will be in **6<sup>th</sup> - 12<sup>th</sup> grade** starting in Fall 2022. By registering, you understand this is a four-day per week commitment to yourself and your future. The next step is to select the course(s) you'd like to participate in, located on page 2 for students in middle school and page 3 for those in high school, and register using the Eventbrite links listed.

**Timeframe:** All virtual classes will be 90 minutes and held Monday – Thursday from 9 – 10:30 a.m. PDT / 12 – 1:30 p.m. EDT for middle school **and** 1 – 2:30 p.m. PDT / 4 – 5:30 p.m. EDT for high school. Students can only participate in one class each week.

### Middle School (Grades 6 – 8) Summer Weeks & Times

9:30 - 11 a.m. PDT / 12:30 - 2 p.m. EDT



- July 11 – July 14
- July 18 – July 21
- July 25 – July 28

Register: [tgrllsummer22ms.eventbrite.com/](https://tgrllsummer22ms.eventbrite.com/)

### High School (Grades 9 – 12) Summer Weeks & Times

1 - 2:30 p.m. PDT / 4 – 5:30 p.m. EDT



- July 11 – July 14
- July 18 – July 21
- July 25 – July 28

Register: [tgrllvirtualsummer22hs.eventbrite.com/](https://tgrllvirtualsummer22hs.eventbrite.com/)

#### Technology Requirements:

To participate in virtual summer classes, each registered student will need a computer or device with internet connection. The Zoom video conferencing platform will be used to conduct the class, so this software needs to be downloaded prior to the class. It is also highly recommended that students have a webcam and microphone so that s/he can be active participants. Some classes may require a tablet/cell phone to participate in certain activities.

Once a student has registered, a separate email will be sent a week before the class begins with safety and security guidelines as well as Zoom access information.

If you have any questions or concerns, please email Gyla Bell at [gbell@tgrfoundation.org](mailto:gbell@tgrfoundation.org).

We hope to see you virtually this summer!

#### NOTICE OF NONDISCRIMINATORY POLICY AS TO STUDENTS

The TGR Foundation and TGR Learning Labs admits students of any race, color, national and ethnic origin to all the rights, privileges, programs and activities generally accorded or made available to students at the school. It does not discriminate on the basis of race, color, national and ethnic origin in administration of its educational policies, admissions policies, scholarship and loan programs, and athletic and other school-administered programs.



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## Middle School (Grades 6 – 8) Summer Weeks & Times

### **Engineering Construction Design**

**July 11 – July 14: Class from 9:30 – 11 a.m. PDT / 12:30 – 2 p.m. EDT**

Have you always wanted to know how to build the perfect bridge? What about how to build the tallest tower or how a parachute works? Learn all this and more in our Engineering Construction Design class! Using the engineering design process, we will be constructing a bridge, tower, parachute and even a basketball. We will be using common household items, so the hands-on activities can be done at home! Let's become engineers!

Supplies Needed:

- Tower: 1 sheet of newspaper, 12" of tape
- Bridge: 20 plastic straws, 1 small sheet of paper/foil, tape, scissors, ruler, pennies
- Parachute: 1 sheet of newspaper, 1 pair of scissors, tape, 1 24-inch-long piece of string, weights (pennies)
- Basketball: 1 ping pong ball, 2-3 plastic straws, 5 pipe cleaners, 3-5 rubber bands, 5 popsicle/craft sticks, 2-3 index cards, tape, 1 small paper/plastic cup

### **Photography: Visual Storytelling**

**July 18 – July 21: Class from 9:30 – 11 a.m. PDT / 12:30 – 2 p.m. EDT**

A single photograph can capture a precious moment in time, change a perspective or even move a nation toward positive change. By creating your own themed digital photobook, we will explore how to capture photographs that tell a story, while using key photography composition techniques. Develop your ability to communicate creatively and critically as a visual storyteller, which will enhance your visuals in school projects and social media posts and may even encourage you to start a portfolio for a career in digital media and more!

Additional technology requirements:

- Mobile photo-taking device (cell phone or tablet) with internet access
- Goosechase and PicPlayPost apps downloaded (free apps)

### **What's 'App'ening in Computer Science**

**July 25 – July 28: Class from 9:30 – 11 a.m. PDT / 12:30 – 2 p.m. EDT**

Computer science knowledge is a high-demand skill in today's job market. In this class, you will learn fundamental computer science concepts such as algorithm, conditional statement, variable, function and Boolean logic through engaging hands-on activities. You will apply what you learned by programming an app using the AppLab on Code.org. The completed app can be shared with classmates, friends and family at the end of the session.

**REGISTER NOW**



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# 2022 VIRTUAL SUMMER CLASSES

## High School (Grades 9 – 12) Summer Weeks & Times

### What's 'App'ening in Computer Science

**July 11 – July 14: Class from 1 - 2:30 p.m. PDT / 4 – 5:30 p.m. EDT**

Computer science knowledge is a high-demand skill in today's job market. In this class, you will learn fundamental computer science concepts such as algorithm, conditional statement, variable, function and Boolean logic through engaging hands-on activities. You will apply what you learned by programming an app using the AppLab on Code.org. The completed app can be shared with classmates, friends and family at the end of the session.

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