

TGR LEARNING LAB FALL 2 2020 VIRTUAL CLASSES

October 26 – December 10, 2020
Registration Deadline: October 15, 2020

At the TGR Learning Lab, we are focused on opening your mind to potential careers and college majors available to you. We are offering Fall 2 virtual classes for Southern California students in grades 7-12. We ask that by registering, you understand this is a six-week commitment to yourself and your future. Your next step is to select the course(s) on page 2 you would like to participate in and register using the Eventbrite links listed below. The virtual Expanded Learning classes will be either Monday/ Wednesday or Tuesday/Thursday. Classes will be offered from 3:30 pm-4:30 pm PDT.

Virtual Academic Support will be available for TGR Learning Lab members who need assistance with their schoolwork. If you are interested in this opportunity, you must register to participate.

Technology Requirements:

To participate in Fall 2 virtual 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 free software needs to be download prior to the class. It is also highly recommended that students have a webcam and microphone so that s/he can be active participants in the class. Some classes may require a tablet/cell phone to participate in certain activities.

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

If you have any questions or concerns, please email Gyla Bell at gbell@tgrfoundation.org.

We hope to see you virtually this fall!

Virtual Academic support will be available for students in grades 7-12 who need assistance with their academic schoolwork. Students will need to register for this opportunity but can drop in during the times when virtual academic support is being offered.

Virtual Academic Support Schedule:

- Mondays and Wednesdays from 2:30 pm-4:30 pm PDT
- Tuesdays and Thursdays from 10:00 am-12:00 pm and 1:00 pm-4:30 pm PDT

Registration Link: <https://tgrllacademicsupport.eventbrite.com>



TGR LEARNING LAB 2020 FALL 2 VIRTUAL CLASS OFFERINGS & SCHEDULE



High-Flying Forces - Adventures in Aerospace

Learn about the forces of flight, how they are applied to different aircraft and try your hand making some at home from materials around the house. Afterwards you and your classmates will take what you've learned and propose an aircraft design that meets a real-world need.

Students will need: paper (printer/lined), tape (transparent/"Scotch" tape), plastic grocery bag(s), cardboard, tape measure or yardstick, ruler, scissors or utility knife (X-acto), kite string/thread and plastic straws (approx. 1 dozen) Optional item include: glue/glue stick, markers, colored pencils, cardstock, etc.

Additional Technology Requirements:

- Laptop/computer with internet access (webcam and microphone highly suggested)

Class Schedule:

Mondays/Wednesdays

- 3:30 pm – 4:30 pm PDT

Tuesdays/Thursdays

- 3:30 pm – 4:30 pm PDT

Registration Link: <https://tgrllf2aerospace.eventbrite.com>



Introduction to Cybersecurity

Cybersecurity is one of the fastest growing careers in the world. Come join this interactive class where you will learn about the internet, how it works, binary code and encryption. With the gained Cybersecurity knowledge, you will understand the importance of privacy and how to stay safe online.

Students will need: blank paper, tape, 16 index cards (recommended size 3x5), scissors, ruler, one-hole puncher, writing utensils (pencil, pen, marker) and a toothpick or skewer.

Additional Technology Requirements:

- Laptop/computer with internet access (webcam and microphone highly suggested)

Class Schedule:

Mondays/Wednesdays

- 3:30 pm – 4:30 pm PDT

Tuesdays/Thursdays

- 3:30 pm – 4:30 pm PDT

Registration Link: <https://tgrllf2cacyber.eventbrite.com>



Intro to Web Design: How to Start the Next Big Web Site

From Facebook to Amazon, web page designer is a career in high demand. In this course, you will have an introduction to the web designing language HTML and CSS. You will have the opportunity to apply your newly learned skills in the creation of a web page by using Code.org Web Lab.

Additional Technology Requirements:

- Laptop/computer with internet access (webcam and microphone highly suggested)

Class Schedule:

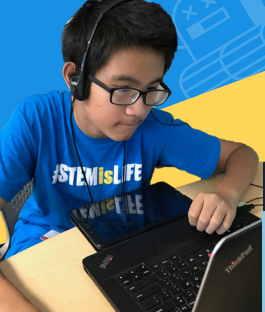
Mondays/Wednesdays

- 3:30 pm – 4:30 pm PDT

Tuesdays/Thursdays

- 3:30 pm – 4:30 pm PDT

Registration Link: <https://tgrllf2cawebdesign.eventbrite.com>



TGR LEARNING LAB 2020 FALL 2 VIRTUAL CLASS OFFERINGS & SCHEDULE

Mind Craft - The Science of the Mind

A space for teens to explore the inner world of thoughts, emotions and unconscious habits through a series of hands-on investigations, mindfulness practices, and interactive group discussions. We will dive into neuroscience and psychology topics to understand how the mind works, as we develop life skills to stay focused, calm, happy and true to ourselves (especially in stressful or difficult situations). From making mind jars and photo collages to investigating our personality types and careers in psychology, each class you will walk away with tools for calm and an empowered understanding of the human mind.

Additional Technology Requirements:

- Laptop/computer with internet access (webcam and microphone highly suggested)
- Mobile photo-taking device (cell phone or tablet) with internet access
- Goosechase and Padlet apps downloaded (free apps)

Class Schedule:

Mondays/Wednesdays

- 3:30 pm – 4:30 pm PDT

Tuesdays/Thursdays

- 3:30 pm – 4:30 pm PDT

Registration Link: <https://tgrllf2camindcraft.eventbrite.com>

