



# TGR LEARNING LAB, O.C.

## DAY PROGRAM, 2017 SUMMER MEMBER APPLICATION

Grades 5-6  
Application Deadline: **June 2, 2017**

Dear Prospective TGR Learning Lab Summer Member,

Thank you for your interest in the TGR Learning Lab (TGR-LL)! This application includes information about our Summer Classes and the application process.

**Description of Summer Classes:** The TGR-LL is offering summer classes for students who are interested in a hands-on, interactive, career-focused experience. Classes are open to students who will be entering the 5<sup>th</sup> and 6<sup>th</sup> grades in Fall 2017.

**Timeframe:** Classes are held Monday – Friday from 9:00 a.m. – 12:00 p.m. There are four different weeks to choose from; you may register for one class per week.

**Fees:** \$35 per class for TGR-LL members; \$45 per class for non-members. To be a TGR-LL member, students must have participated in a program at the TGR-LL. Payment is due when the application is submitted. Please see Registration Form for payment options.

**Application Process:** There are three steps in the application process. Classes are filled on a first come, first served basis. If the classes you choose are full, you will be contacted about alternative options. Classes have a limited number of spaces so it is recommended that you submit your application early. Please follow all directions and use the checklist below as you complete each step:

- Step 1: Select your classes
- Step 2: Complete the Registration Form
- Step 3: Submit application and payment by fax, mail or drop off at the TGR-LL

**Cancellation Policy:** If a refund is requested, it must be submitted, in writing, at least 10 calendar days before the start of class. No refunds will be granted after this time.

Thank you. We hope to see you at the TGR Learning Lab this summer.

TGR Learning Lab  
One Tiger Woods Way  
Anaheim, CA 92801

# DAY PROGRAM, 2017 SUMMER CLASSES

## Session 1: June 12 – 16

### Coding with Sphero

Are you interested in coding and seeing the code you create come to life? Program an engine-powered robotic ball, also known as a Sphero, to move, play sounds and glow. Learn basic computer programming concepts to interact with the Sphero and complete challenges.

### Golf Dynamics

Master your golf swing this summer! Golf Dynamics explores the role your body plays when swinging a golf club. Proper balance and fundamentals are examined to generate swing speeds and golf ball distances never imagined.

### Graphic Design: Photoshop Fun

Have you ever wanted to build a house on the moon or grow wings to fly in the sky? This is the power of Adobe Photoshop. Through pictures, Adobe Photoshop allows users to create any image they could imagine. In this class, you will learn different tools to create your own Photoshop masterpiece.

### LEGO Mindstorms

Want to learn what it takes to design, maintain and develop robots? Here you will build and use the latest robotics programming software to control your LEGO creations and bring them to life. Learn about the engineering design process and become the next robotics engineer. Are you ready?

### Mad About Chem

Are you a mad scientist? Do you like mixing things together to see what happens? Do you want to create slime and bubbles using a scientific approach? In Mad about Chem you will explore hands-on chemical reactions and investigate the wonderful world of chemistry!

## Session 2: June 19 – 23

### Alternative Energy: An Environmentally Safe Solution

Wind, water, sun, geothermal energy. All these natural resources can be used as a form of alternative energy. Learn how alternative energy can help us preserve our planet. Power up with natural energy sources and build your own energy saving solution.

### Design Your Video Game

In five fun-filled days, you will learn how to use Clickteam Fusion 2.5 software to create your very own video game. By the end of the week you will have a game with characters, objects, music and much more to share with family and friends!

### Paleo Tech: Ancient Engineering

What if there were no hardware stores? Could you survive if you had to make your own tools and catch or gather your food? Make and work with some of humanity's earliest inventions and learn how our ancestors used friction, momentum and other science principles to survive.

### Tinkering 101

Get ready to light up your imagination! Learn how circuitry and creativity can be used to design projects with LED lights. Come tinker with some hands-on engineering activities that help bring your innovative ideas to life.

## **Session 3: June 26 – 30**

### Rocket Science 101

How do rockets stay in the air? Come and explore the four forces of flight as we soar through the world of rocket science. In this class, you will get to work with paper rockets, straw rockets, water bottle rockets and many more fun projects. And the best part—you'll get to keep all the projects that you've built in class!

### STEMulating Science 101

Calling all scientists! Get ready to participate in activities, such as making slime and learning the science behind making ice cream. Students will dive into the world of science and participate in hands-on activities that bring science to life. It's time to get your hands dirty, share your bright ideas and find your inner scientist.

### Video Game Design

In five fun-filled days, you will learn how to use Clickteam Fusion 2.5 software to create your very own video game. By the end of the week, you will have a game with characters, objects, music and much more to share with family and friends!

## **Session 4: July 24 – 28**

### Low Score Galore

Ever make a hole in one? This class covers the basics of the short and long game for beginning through advanced golfers. Students will learn the fundamentals of golf through challenging games, drills and exercises in a safe environment.

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## TGR LEARNING LAB, O.C. DAY PROGRAM - SUMMER CLASS REGISTRATION FORM

Summer Application Deadline: June 2, 2017  
Grades 5 – 6

Check one:  TGR-LL Member (\$35 per class)       Non-Member (\$45 per class)

Please select the classes and sessions you wish to attend.

Session Number	Class Title (first choice)	Class Title (second choice)	Fee
<b>Total</b>			

**Student Information (please print clearly)**

First Name \_\_\_\_\_ Middle Initial \_\_\_\_\_ Last Name \_\_\_\_\_  
 Student's Home Address \_\_\_\_\_ Apt # \_\_\_\_\_ City \_\_\_\_\_ Zip \_\_\_\_\_  
 Home Phone \_\_\_\_\_ Cell Phone \_\_\_\_\_ E-mail \_\_\_\_\_  
 School \_\_\_\_\_ Grade in Fall 2017:  5<sup>th</sup>  6<sup>th</sup>  
 Birthdate \_\_\_\_\_ Gender:  Male  Female

Ethnicity: (check one)

- American Indian/Alaskan Native  Cambodian  Hawaiian  Laotian  Tahitian
- American Indian/White  Chinese  Hispanic/Latino  Other Asian  Vietnamese
- Asian Indian  Filipino  Japanese  Other Pacific Islander  Korean  Samoan
- White/Non-Hispanic  Black/African American  Guamanian  Other, Not Specified

For Staff use:  
 Date: \_\_\_\_\_  
 Letter: \_\_\_\_\_  
 Initials: \_\_\_\_\_  
 Event Code: \_\_\_\_\_

**Parent/Legal Guardian Information**

Parent/Legal Guardian's First/Middle/Last Name \_\_\_\_\_  
 Relationship to the child \_\_\_\_\_ Gender:  Male  Female  
 Birthdate \_\_\_\_\_  
 Address (if different) \_\_\_\_\_ Apt # \_\_\_\_\_ City \_\_\_\_\_ Zip \_\_\_\_\_  
 Home Phone \_\_\_\_\_ Cell Phone \_\_\_\_\_  
 Work Phone \_\_\_\_\_ Work Email \_\_\_\_\_

**Health History**

List any illness or medical condition staff should be aware of: \_\_\_\_\_  
 List any medications the child is currently taking: \_\_\_\_\_  
 List any allergies (including food) staff should be aware of: \_\_\_\_\_

**Method of Payment (check one)**

- Cash  VISA  MasterCard  Discover  AMEX

(Note: faxed applications require a credit card)

Print Cardholder's First and Last Name: \_\_\_\_\_  
 Credit Card # \_\_\_\_\_ Exp date: \_\_\_\_/\_\_\_\_/\_\_\_\_  
 Signature: \_\_\_\_\_