



TGR LEARNING LAB, O.C.

2019 SUMMER DAY PROGRAM APPLICATION

Grades 5-6

Application Deadline: **May 31, 2019**

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 Program and the application process.

Description of Summer Day Program: 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 5th and 6th grades in the Fall of 2019.

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

Fees: The cost is \$35 per class for TGR-LL members and \$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 the Registration Form for payment options.

ID Badge: One ID Badge will be made for each student accepted into the Summer Program. This ID Badge will be used throughout the entire duration of the Summer Program from July 8 to August 2. To replace a lost or misplaced ID Badge there will be a \$5 charge. All students must wear their ID badge after his/her first day of the summer program to have access into the building.

Application Process: There are three steps in the application process. Classes are filled on a first-come, first-served basis. If the classes selected are full, students will be contacted about alternative options. There are a limited number of spaces per class; it is recommended that applications are submitted early. Please follow all directions and use the checklist below to complete each step:

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

Grade Verification: A copy of a student applicant's most recent report card is required to verify current grade level. Applications will not be processed without a copy of the student's most recent report card.

Cancellation Policy: If a refund is requested, it must be submitted, in writing, at least 15 business days before the start of class. No refunds will be granted after this time.

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

TGR Learning Lab
One Tiger Woods Way
Anaheim, CA 92801

Session 1: July 8 – 12

Introduction to Robotics

This fun and exciting class is ideal for beginners. You will be building and programming robots using a variety of LEGO Mindstorms EV3 kits. Working in pairs using LEGO brick, gears, motors and sensors, you will learn the basics of building and programming in addition to mechanical design, construction, programming and teamwork skills while sharing a robotics kit and computer.

Mad About Chem

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

Space Quest

Discover what you'll find when you look deep into space. If you have ever wondered what is really out there, this is the class for you. You will explore everything from how time and space collide to the realm of black holes. You'll also build your own miniature rocket to explore beyond the skies!

Engineering with Solar Vehicles

Solar energy is being used to power a variety of things all around the world. Join this class to explore the aspects of this alternative energy source and build a solar vehicle to apply what you've learned. You will creatively engineer a vehicle that we will race at the end of the week.

Session 2: July 15 – 19

Physics of Rollercoasters

Design a rollercoaster that is both fast and fun? Discover the science and engineering related to rollercoasters by building a rollercoaster model using K'Nex pieces. The rollercoaster built in class will help you learn about the motion, forces and energy involved in these thrilling rides.

Introduction to Video Game Design

If you've ever wondered how a video game is created this introduction class has the answer for you. During the week you will learn how to create your own video game using Clickteam Fusion 2.5 software. By the end of five fun game designing days, you will have a game with characters, objects, music and more to share with your friends and family.

Animal Kingdom

Do you ever wonder how animals can live together in the rain forest, under the sea or in the hot desert? Grab a scalpel and join this class to explore the anatomy of various animals and gain an understanding of how they adapt to survive while living with other animals in each ecosystem.

Graphic Design: Photoshop Fun

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

Low Score Galore

The fastest way to lower your golf scores is to practice your short game. The short game also provides a strong foundation of confidence, success and enjoyment. In this class you will learn the fundamentals of putting, chipping, pitching and bunkers, which will result in lower scores on the golf course.

Session 3: July 22 – 26

Engineering with Solar Vehicles

Solar energy is being used to power a variety of things all around the world. Join this class to explore the different aspects of this alternative energy source and build a solar vehicle to apply what you've learned. You will creatively engineer a vehicle that we will race at the end of the week.

Mad About Chem

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

Space Quest

Discover what you'll find when you look deep into space and what do you find? If you have ever wondered what is really out there this is the class for you. You will explore everything from how time and space collide to the realm of black holes. You'll also build your own miniature rocket to explore beyond the skies.

Introduction to Robotics

This fun and exciting class is ideal for beginners. You will be building and programming robots using a variety of LEGO Mindstorms EV3 kits. Working in pairs using LEGO brick, gears, motors and sensors, you will learn the basics of building and programming in addition to mechanical design, construction, programming and teamwork skills while sharing a robotics kit and computer.

Session 4: July 29 – August 2

Paleo Tech: Ancient Engineering

Could you survive if there were no hardware stores and 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.

Healthy Habits

Learn how eating nutritiously and exercising can build healthier habits and fight chronic illnesses. Get ready to recreate some of your favorite meals with a healthy twist and avoid negative effects of convenient fast food meals. Participate in exercises you can do at home, while learning how nutrition and fitness work together to improve your health.

Introduction to Video Game Design

If you've ever wondered how a video game is created this introduction class has the answer for you. During the week you will learn how to create your own video game using Clickteam Fusion 2.5 software. By the end of five fun game designing days, you will have a game with characters, objects, music and more to share with your friends and family.

Alternative Energy: An Environmentally Safe Solution

Wind, water and solar energy can be used as a form of alternative energy. Learn how these natural resources can be applied around the world and help us protect our planet.

Fundamentals of Impact

Learn how to control a golf ball by mastering the fundamentals of impact. By striking the golf ball, creating compression for maximum power, distance control and accuracy you can create impact in your golf game. Gain confidence in putting, chipping, pitching and bunkers through innovative drills, challenges and exercises in a fun, safe learning environment.



TGR FOUNDATION
A TIGER WOODS CHARITY

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

Summer Application Deadline: May 31, 2019
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
Total			

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 2019: 5th 6th
 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

Parent/Legal Guardian Information

Parent/Legal Guardian's First/Middle/Last Name _____
 Relationship to the child _____ Home Language _____
 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 Card

Staff Use

	Date	Staff
Application		
Grade Verification		
Payment		
Acceptance Letter		