



TGR FOUNDATION

TGR LEARNING LAB 2023 SUMMER DAY PROGRAM APPLICATION

Rising 5th – 6th Grade Students
Application Deadline: **Friday, June 2**

Dear Prospective TGR Learning Lab student,

Thank you for your interest in the TGR Learning Lab. This application includes information about our summer program and the application process.

Description of Summer Day Program: The TGR Learning Lab 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 2023.

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

Fees: The cost is \$30 per class for TGRLL members and \$40 per class for non-members. To be a member, students must have participated in a program at the TGR Learning Lab. 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 June 26 to July 27. To replace a lost or misplaced ID badge there will be a \$5 charge. All students must wear their ID badge after their first day of the summer program to have safe and secure 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 the application, grade verification and payment by mail or drop it off at the TGRLL.

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

Cancellation Policy: Students who wish to cancel their participation must inform the TGR Learning Lab in writing at least 15 days before the start of class to receive a refund. No refunds will be granted after this time. Cancellations will only be accepted in person or through email or fax messages.

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

TGR Learning Lab
One Tiger Woods Way
Anaheim, CA 92801

Session 1: June 26 – 29

Alternative Energy: Exploring Environmentally Safe Solutions

Wind, water and solar energy can be used as a form of alternative energy. Learn how these natural resources can be used to power everyday things and how we can use these natural resources to help protect our planet.

Animal Kingdom

Do you ever wonder how animals can live together in the rainforest, under the sea, or in the hot desert? Would you like to study and compare different animal groups? Grab a scalpel and hand lens to explore the anatomy of various animals while understanding how they adapt to survive in ecosystems with other animals.

Introduction to Game Design

Have you ever wondered how a video game is created? In this introduction class, you will learn how to create your own video game through learning the Clickteam Fusion Developer 2.5 software. After four fun days designing games, you will have a game with characters, objects, music and much more to share with your friends and family.

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!

Session 2: July 10-13

Design Thinking

Are you a problem-solver or an inventor? Do you enjoy making things and helping others? The Design Process is what turns ideas into creations. In this class, you will use design thinking to unlock your creativity. You will imagine, plan, build and test solutions to solve real-life problems.

Intro to Robotics

This robotics class is ideal for beginners. You will build and program robotics using LEGO Mindstorms EV3 kits. Working in pairs, you will learn about gears, motors and sensors, as well as the basics of building, programming and mechanical design.

Space Quest

Look into the night sky and what do you find? If you have ever wondered what is out there, this is the class for you. You will explore everything from how the sun, moon and planets compare to how time and space collide to the realm of stars, galaxies and black holes. You will also build your own miniature rocket to explore the skies!

Introduction to Digital Music Production

Are you a music lover? Do you find yourself creating beats with your hands and pencils? Maybe you have a melody stuck in your head. Whatever the case, in this course, you will be able to bring those passions to life. Through the introduction of basic music theory and how the music production process works, you will get a hands-on experience to bringing music to life.

Par-Tee Time: Golf Fundamentals

This class is designed for those who are new to the game of golf or looking to improve their foundational skills. In this class, you will learn the basics of putting, chipping and swing mechanics, as well as different types of clubs and when to use them. By the end of the class, you will understand the fundamentals of golf and how to apply them to your game.

Session 3: July 17 – 20

Photography

Learn the basics of digital photography and explore how the science of light and optics, the math of ratios and proportions, technology and engineering all play into how a camera works. You will take photographs every day and produce a small digital portfolio to take home at the end of the week.

Programming with Scratch 3

Scratch 3 is a simple-to-use block-based programming software. In this course, you will learn basic computer programming concepts such as algorithms and conditions to complete computer programming challenges using Scratch 3.

Physics of Rollercoasters

How do we 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. Then use the rollercoaster to learn about the motion, forces and energy involved in these thrilling rides!

Animal Kingdom

Do you ever wonder how animals can live together in the rainforest, under the sea or in the hot desert? Would you like to study and compare the different animal groups? Grab a scalpel and hand lens to explore the anatomy of various animals while understanding how they adapt to survive while living with other animals in each ecosystem.

Session 4: July 24 – 27

Design Thinking

Are you a problem-solver or an inventor? Do you enjoy making things and helping others? The design process turns ideas into creations. In this class, you will use design thinking to unlock your creativity. You will imagine, plan, build and test solutions to solve real-life problems.

Rocketry and Flight

Blast off into the world of an aerospace engineer. In this class, you will explore the forces of flight as you build and test your own wings to see if it achieves lift and assemble different devices to discover different forms of lift and thrust. By the end of this class, you will master the concept of Newton's laws of motion by designing and building your very own parachute, helicopter and rockets.

Intro to Robotics

This robotics class is ideal for beginners. You will build and program robotics using LEGO Mindstorms EV3 kits. Working in pairs, you will learn about gears, motors and sensors, as well as the basics of building, programming and mechanical design.

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!

Par-Tee Time: Golf Fundamentals

This class is designed for those who are new to the game of golf or want to improve their foundational skills. In this class, you will learn the basics of putting, chipping and swing mechanics, as well as the different types of clubs and when to use them. By the end of the class, you will understand the fundamentals of golf and how to apply them to your game.



TGR FOUNDATION

TGR LEARNING LAB DAY PROGRAM - SUMMER PROGRAM REGISTRATION FORM

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

Check one: TGRLL Member (\$30 per class) Non-Member (\$40 per class)

Please insert 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 2023: 5th 6th
 Birthdate _____ Gender: Male Female Non-binary

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		