

TGR Learning Lab | 2026

Fall Catalog



Unlock your child's potential at TGR Learning Lab

Explore FREE after-school and weekend programming designed for students in 1st–12th grades. Inside, you'll find hands-on offerings in STEAM, college and career readiness, health and wellness and more, all designed to help students discover their passions and develop a plan for their future.

TGR Learning Lab

7401 Lansdowne Ave, Philadelphia, PA 19151



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Friendly Reminders



Registration

Advanced registration is always required. Please ensure your registered offerings do not overlap.



Attendance

If you're registered, please attend.
Can't make it?
Let us know so we can open up a spot.



Eligibility

Review descriptions for grade, dates and any additional requirements before completing registration.

Fall at a Glance

SEPTEMBER

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

OCTOBER

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

NOVEMBER

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

- First/Last Day of After-school Courses
- Almost Grown-ish Workshop (Middle School)
- Grown-ish Workshop (High School)
- Healthcare Workshop (High School)
- Pre-Law Workshop (High School)
- ★ Special Event: Empowerment Day
- Friday Nights at the Lab
- Open Exploration →
- Saturday Community Fest. →
- Registration Opens for Winter

Family Celebration Night

Celebrate everything your student has accomplished this fall! Join us for Family Celebration Night to see student projects, meet our team, enjoy light bites and connect with other TGR Learning Lab families.

♥ Elementary School: November 17

♥ Middle & High School: November 19



Exploration Events

Advanced registration is required. Review grade requirements before registering.



Saturday Community Fests | Grades 1-3

Fall Dates: Sept. 19, Oct. 3, Oct. 17, Nov. 7 | 12:45 - 3:00 PM

Join us for Saturday Fun at the TGR Learning Lab! Enjoy art, games, leadership activities and hands-on STEAM projects with our fun, engaging educators.

Empowerment Day | Grades 4-6

Energize & Empower: Friday, Oct. 16 | 4 - 6 PM

An event designed to inspire confidence, leadership and personal growth. Boys and girls will participate in separate groups, rotating through activities focused on self-esteem, teamwork and reflection.

Open Exploration Time | Grades 6-12

Makerspace: Saturday, Sept. 19 | 10 AM - 12 PM

Explore the makerspace through hands-on projects using 3D printing, drone flight and electronic circuits while building creativity and problem-solving skills.

Digital Media: Saturday, Oct. 17 | 10 AM - 12 PM

Explore the art of photography while learning how photos capture ideas, emotions and perspectives. Then, bring your story to life by creating a podcast inspired by your images.

Friday Nights at the Lab | Grades 6-12

Kick off the weekend with friends, fun and themed activities at Friday Nights at the Lab! Each month features a new event filled with games, creativity and community.

Pizza & Personal Care: Friday, Oct. 2 | 4:30 - 6:30 PM

Karaoke & Korean Food: Friday, Nov. 6 | 4:30 - 6:30 PM

Elementary Courses | Grades 3-5

Weekly courses run September 14 – November 12. Weekly attendance expected.

3rd GRADE

Inventor Adventure

with Ms. Maria and Ms. Tracy

Every Tuesday | 3:00 - 5:15 PM

Explore science through hands-on experiments, creative challenges and exciting discoveries. Each week, you'll build problem-solving, teamwork and math skills while learning how science shapes the world around you.

4th GRADE

Disaster Detectives:

Exploring Earth's Extremes with
Ms. Maria and Ms. Tracy

Every Wednesday | 3:00 - 5:15 PM

Explore how natural disasters like hurricanes, earthquakes and volcanoes shape our planet with interactive experiments. Learn how science and engineering help communities prepare, respond and recover.

5th GRADE

Creative Sparks:

Exploring Five Art Forms with
Ms. Maria and Ms. Tracy

Every Thursday | 3:00 - 5:15 PM

Bring your creativity to life through painting, clay, photography, collage and printmaking. You'll explore a variety of artistic techniques and express your ideas through your unique creative style.

5th GRADE

Junior LEGO Robotics

with Ms. Anna

Every Thursday | 3:00 - 5:15 PM

Turn your love of LEGO bricks into hands-on STEAM learning. You'll use LEGO Education SPIKE to build, code and solve challenges while exploring science, technology, engineering and math. Along the way, you'll strengthen problem-solving, teamwork and critical thinking skills.



Middle School | Grades 6-8

Weekly courses run September 14 – November 12. Weekly attendance expected.

RPG Video Game Design

with Ms. Anna

Every Monday | 4:00 - 5:30 PM

Create your own story-driven role-playing game using RPG Maker while learning the fundamentals of game design, world-building, and interactive storytelling. Build creative and technical skills as you design characters, create maps, script events and bring your unique adventure to life.

MoneyTalks

Every Monday | 4:00 - 5:30 PM

Learn money skills every teen should know. From exploring careers and earning a paycheck to budgeting, saving and making smart spending decisions, this course uses interactive activities and real-world challenges to help you build confidence and prepare for your financial future.

Sports Media Lab

with Mr. RiZ

Every Tuesday | 4:00 - 5:30 PM

Explore the world of sports media through commentary, debate, graphics and video segments. Create projects from player profiles to hot takes. Perfect for students who love sports and want to explore storytelling, broadcasting and digital media.

Tiger Robotics:

FIRST LEGO League Challenge with Mr. Mez

Every Tuesday | 4:00 - 5:30 PM

Join the Middle School Tiger Robotics team to design, build and program a LEGO robot for the FIRST LEGO League Challenge. Solve real-world engineering challenges while developing skills in robotics, programming, problem-solving, and innovation.

***Please note:** Participation includes some Saturday practices and weekend competitions during the season.



Middle School | Grades 6-8

Weekly courses run September 14 – November 12. Weekly attendance expected.

Case Closed:

Forensic Science Lab

Every Wednesday | 4:00 - 5:30 PM

Think like a detective and work like a scientist. Analyze fingerprints, decode clues, examine evidence and solve mysteries as you uncover the crime scene. Along the way, you'll learn how forensic scientists use observation, critical thinking and scientific investigation to solve cases.

Creator Challenge Lab

with Mr. RiZ

Every Wednesday | 4:00 - 5:30 PM

Complete fun weekly media challenges using design, video, audio and storytelling tools. Projects may include creating logos, flyers, voiceovers, thumbnails, short videos and mini ads. You'll leave with a portfolio showcasing your favorite creative projects.

Almost Grown-ish Workshops with Ms. Van

Market Homes Like a Pro:

Leveraging AI in Real Estate with Ms. Van

Thursday, Sept. 24 | 4:00 - 5:30 PM

Use Claude to create professional real estate marketing content. Analyze property details, write listing descriptions, and develop a video walkthrough script while learning prompt engineering and how to critically evaluate AI-generated content.

MythBusters STEM Lab

Every Thursday | 4:00 - 5:30 PM

Can you really balance on eggs without breaking them? Do bigger paper airplanes fly farther? Put popular myths and surprising claims to the test through hands-on experiments and engineering challenges.

Explore the Game:

Golf Clinic with Coach Danielle

Every Thursday | 4:00 - 5:30 PM

Learn the fundamentals of golf through fun, hands-on instruction with a TGR golf coach. Students will develop putting, chipping and full-swing skills while building confidence, sportsmanship and a love for the game.



Level Up Your Savings Game

with Ms. Van

Thursday, Oct. 15 | 4:00 - 5:30 PM

Discover smart ways to save money and explore different savings accounts. Compare simple and compound interest to create a money-saving strategy that helps you reach your goal.

High School | Grades 9-12

Weekly courses run September 14 – November 12. Weekly attendance expected.

Music Industry Studio:

Artist Development Lab with Mr. RiZ

Every Monday | 4:00 - 5:30 PM

Take your music ideas to the next level by creating songs, beats, visuals and artist branding. Apply your unique creative direction to build an artist package that showcases your sound and vision.

Advanced Circuitry:

with Ms. Anna

Every Tuesday | 4:00 - 5:30 PM

Create electronic musical instruments, sensors and interactive gadgets while learning the basics of circuitry. Build engineering and problem-solving skills through hands-on hardware projects.

Explore the Game:

Golf Clinic with Coach Danielle

Every Tuesday | 4:00 - 5:30 PM

Learn the fundamentals of golf through fun, hands-on instruction with a golf coach while building putting, chipping and swing skills.

12th GRADE

Senior Launch:

Preparing for the Future with Ms. Van

Every Wednesday | 4:00 - 5:30 PM

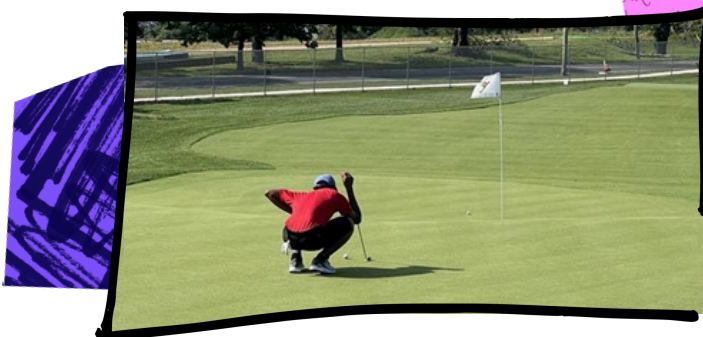
Prepare for college, career and trade pathways while building a plan that fits your goals. Build a personalized plan for college, careers or the trades through hands-on guidance and real-world planning.

Tiger Robotics Preseason:

with Mr. Mez

Every Thursday | 4:00 - 5:30 PM

Prepare for the upcoming FIRST Robotics Competition season by learning from Tiger Robotics mentors and students. Build technical and professional skills while exploring competitive robotics. Choose a focus area in 3D Design (CAD), Programming, Build, or Business and prepare for the upcoming competition season.



High School | Grades 9-12

Register for each workshop separately for the dates listed below.

Grown-ish with Ms. Van

Launch Your AI Assistant

Thursday, Sept. 17 | 4:00 - 5:30 PM

Build a custom AI assistant using Claude Projects to support college, career or business goals. Learn prompt engineering, conversation design and AI ethics as you create and test your personalized tool.

One Thing Is Certain:

Financial Planning

Thursday, Oct. 8 | 4:00 - 5:30 PM

Learn where your money goes by exploring common taxes, understanding the difference between gross and net income and spotting typical paycheck deductions.

Pre-Law Series with Archer Law

Learn from a Lawyer:

Sports and Entertainment Law

Wednesday, Oct. 21 | 4:00 - 5:30 PM

Explore the exciting world of sports and entertainment law. Learn about careers, hear from attorneys and work through case studies that build critical thinking, communication and problem-solving skills.

The Business Behind Every Business:

Careers in Accounting

Wednesday, Nov. 4 | 4:00 - 5:30 PM

Discover how accountants help organizations make smart financial decisions and keep businesses running. Hear from industry professionals and tackle real-world business scenarios.

Healthcare Series

**with Philadelphia College of
Osteopathic Medicine**

Launching Your Healthcare Journey

Wednesday, Sept. 23 | 4:30 - 5:30 PM

Develop the skills and confidence to begin your healthcare journey by creating a roadmap for future success, practicing professional etiquette and networking with current PCOM students.

Partners in Care:

Inside the Exam Room

Wednesday, Oct. 7 | 4:30 - 5:30 PM

Being a healthcare professional is about more than diagnosing illness—it's about listening, communicating, and partnering with patients. This interactive session introduces primary care skills, teaches self-advocacy during medical visits, and uses a simulated patient encounter to demonstrate the partnership between patients and providers.

Disease Detectives:

Investigate an Outbreak

Wednesday, Oct. 28 | 4:30 - 5:30 PM

Discover the science behind infectious diseases through interactive activities, learn how germs spread and examine common vaccine misconceptions while practicing evidence-based decision-making.

Ready to Register?



Scan to Register!

Once you've reviewed the catalog, scan the QR code to begin your registration.

[Or click here if you're viewing the catalog online.](#)

Drop-In Registration Support

August 17 - August 21 from 9 AM - 3 PM

Join us at the Lab during the dates and times above to receive 1-on-1 registration support for the fall.

You can also call us at 267-900-3970.

How-To Guide

Step 1: Create an Account

1. Scan the QR code and click **“Create Account.”**
2. Fill in the required information with PRIMARY CONTACT information.
 - a. For younger students, this is typically a parent or guardian. Older students may choose to create their own accounts.
3. Click **“Submit.”**
4. To verify your account, check your email. Locate the **“Welcome to TGR Labs”** message and click the link provided. You may have to check spam.
5. Enter a password and click **“Change Password.”**

Step 2: Add Contact(s)

Next, you will need to add a contact for each student. If the student is the account contact created in Step 1, you do not need to add a contact for that student.

1. Click **“Create a New Contact”**.
2. Enter the required STUDENT information.
3. Click **“Save”**.

Step 3: Register for Programs

 **Already have
an account?
Start here.**

1. Once you're logged in, click **“Register Today”**
2. Use the search bar to find the program(s) you're looking for.
3. Click the green > button to review the program description and dates.
4. Click **“Enroll”**
5. Click **“Select”** for the contact you wish to sign up, then click **“Save.”**
6. Click the **cart icon**  in the progress bar and click **“Next”** to continue.
7. If this is your first time registering, complete the following. If you have previously registered, these items should already be complete:
 - a. Complete required fields in the Questionnaire and click **“Next”**.
 - b. Sign both documents under Contracts. Click **“Sign”** to print your name and add an e-signature, then click **“Complete”**.
8. Click **“Next”** to finalize registration.

Getting to the Lab

📍 7401 Lansdowne Ave, Philadelphia, PA 19151

If you're taking SEPTA, you can take the 30, 65, 103 or 105 bus traveling toward or from **69th Street Station**. We recommend getting off at the **75th Street bus stop**, near Rose Playground, and walking the path along Lansdowne Avenue.



📞 267-900-3970

🌐 Philadelphia.tgrlearninglab.org

📷 @TGRLL_philadelphia

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