

# TGR Learning Lab | Fall 2025

# Program Catalog



## Unlock your child's potential at TGR Learning Lab

TGR Learning Lab is now open at Cobbs Creek! We empower students through hands-on learning, mentorship and real-world experiences that spark curiosity and confidence.

Our free programs help students discover passions, build skills, explore careers aligned with their interests and prepare for a future all their own. See what's in store for the Fall!

**TGR Learning Lab**

7401 Lansdowne Ave, Philadelphia, PA 19151



# What's happening at the Lab this fall?

## Weekly After-School Courses

Our after-school courses last 10 weeks. They begin the week of September 8th and go through November 14th. Weekly attendance is expected.

- Elementary Courses | Grades 3-5
- Middle School Courses | Grades 6-8
- High School Courses | Grades 9-12

## High School Workshop Series

We have two workshop series for the fall. Each series consists of three one-off sessions. Sign up for one session, two, or all three!

- Healthcare Careers Exploration with Philadelphia College of Osteopathic Medicine
- Build Your Blueprint: College and Career Series with Ms. Van

## Exploration Events

Exploration events are great opportunities to wander, tinker, and discover! Check the calendar and sign up for each event as you're available.

- Friday Nights at the Lab | Grades 6-12
- Open Exploration Time | Grades 6-12
- Saturday Community Fest | Grades 1-3

September







| S  | M  | T  | W  | T  | F  | S  |
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|    | 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  |
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| 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 Weekly After-school Courses
-  Healthcare Career Workshop
-  Build your Blueprint Workshop
-  Friday Nights at the Lab
-  Open Exploration
-  Saturday Community Fest



# How to use this Catalog

You can use this catalog to:

- 1 Learn about the programs happening this fall.
- 2 Choose what you want to sign up for.
- 3 Register using the QR code and how-to guide in the back.

## Things to Know

### Attendance Expectations

Students are expected to attend all programs they are registered for. You can check your account to confirm active registrations or withdraw if you cannot attend.

### Registration Requirements

In order to participate in TGR programs, all students must be registered in advance. Requirements vary by program. Be on the lookout for instructions at the top of each program page.

### Choosing Your Programs

Students may register for multiple courses, workshops, or events based on what interests them. Be sure to check that your registrations don't overlap.

### Academic Support & Clubs

Find other ways to explore the Lab! Members can join for fall clubs, or stop in on Tuesdays or Thursdays for academic support from 3:00 - 5:30 PM.



**Continue to Programs**



# Elementary Courses | Grades 3-5

Register for individual courses based on student grade. Courses begin the week of September 8th and last through November 14th. Weekly attendance is expected.

## 3rd Grade

### The Inventor Adventure: Literature, Math & Science in Action

**Every Tuesday | 3:45 - 5:15 PM**

Get ready for an exciting journey through literature, numbers, and amazing discoveries! In The Inventor Adventure, 3rd grade students will explore the world through reading, problem-solving, and hands-on science fun. Each week, students will strengthen their math skills and explore the wonders of science through fun, interactive learning.

## 4th & 5th Grade

### Disaster Detectives: Exploring the Science of Natural Events

**4th Grade: Every Wednesday | 3:45 - 5:15 PM**

**5th Grade: Every Thursday | 3:45 - 5:15 PM**

In this exciting STEAM course, students will dive into the powerful world of natural disasters! From hurricanes and earthquakes to volcanoes and tornadoes, learners will explore the science behind these catastrophic events and how they shape our planet. Students will become disaster experts as they build models, conduct experiments, and apply engineering solutions to solve challenges posed by nature's most extreme forces.





# Middle School Courses | Grades 6-8

Register for individual courses. Courses begin the week of September 8th and last through November 14th. Weekly attendance is expected.

## Drone Racing & Flight School with Mr. Mez

**Every Monday | 4:00 - 5:30 PM**

Take to the skies and join the fast-paced world of drone racing! Participants will learn to fly and gain hands-on experience in piloting techniques, obstacle navigation, and aerial agility. Guest speakers will share real-world insights, helping students connect their skills to future opportunities.

## Through the Lens: Digital Storytelling Through Photography with Ms. Stef

**Every Tuesday | 4:00 - 5:30 PM**

Get ready to see the world through a whole new lens! In this hands-on digital photography class, you'll learn how to take amazing photos, edit like a pro, and tell powerful stories with just a camera. This is your chance to explore, create, and shine!

## Invent it. Brand it. Sell it. Multimedia Product Lab with Mr. RiZ

**Every Wednesday | 4:00 - 5:30 PM**

Invent It. Brand It. Sell It. What if you could invent your own product and then bring it to life with videos, logos, sounds, and visuals? From sketches to edited commercials, students will use tools like Photoshop, Illustrator, and Soundtrap to build and promote their creations.

## Under the Microscope: Zoology in Action with Ms. Stef

**Every Wednesday | 4:00 - 5:30 PM**

In this exciting hands-on science class, you'll explore how different animals are built to survive in the wild by comparing their anatomy and adaptations. You'll even get to dissect two animals to see how their insides help them thrive!

## Channel Zero: Content Creation Lab with Mr. RiZ

**Every Thursday | 4:00 - 5:30 PM**

Every piece of content tells a story, so what kind of story would you tell? Whether it's a skit, game commentary, voiceover or lifestyle content like "day in the life," you'll plan, film, and edit short-form videos using your voice and style and explore what it means to build a personal "channel."



# High School Courses | Grades 9-12

Register for individual courses. Courses begin the week of September 8th and last through November 14th. Weekly attendance is expected.

## Architects in Training: Tiny Town Edition with Ms. Stef

**Every Monday | 4:00 - 5:30 PM**

In this course, you'll learn how to draft blueprints, design to scale, and bring your tiny home ideas to life using foam board and creativity. Get ready to think like an architect, collaborate like city planners, and build a model world from the ground up!

## The Real Mic: Podcast Lab with Mr. RiZ

**Every Tuesday | 4:00 - 5:30 PM**

Step behind the mic and learn the art of storytelling, interviews, and sound design in this hands-on podcasting course. Students will create their own podcast episodes from scratch, brainstorming, recording, editing and producing work that's personal, powerful, and ready to share.

## Tiger Robotics Preseason with Mr. Mez

**Every Tuesday | 4:00 - 5:30 PM**

You'll be working with motors, sensors, code, and CAD to prepare for the high-energy, high-stakes world of the FIRST Robotics Competition (FRC). It's the ideal time to learn mechanical design, electronics, programming and teamwork while also building relationships with your future teammates, coaches, and mentors.

## Senior Launch: Planning the Future with Ms. Van

**\*12<sup>th</sup> Grade Only**

**Every Wednesday | 4:00 - 5:30 PM**

High school seniors will create an action plan for post-secondary pathways. Discussing options such as four-year, two year, and trade schools, learn about the options available. Each week, you'll complete a plan and be a step closer to figuring out your futures!

## License to Fly: Drone Pilot Prep with Mr. Mez

**Every Thursday | 4:00 - 5:30 PM**

Learn the fundamentals of drone technology, flight operations, and aerial safety. Through lessons and simulations, you'll gain knowledge in airspace regulations, weather, and drone systems while beginning preparation for the FAA Part 107 Remote Pilot Certification Exam.





# Workshop Series | Grades 9-12

Register for individual workshop sessions. Attendance is expected for registered sessions.

## Healthcare Exploration with Philadelphia College of Osteopathic Medicine

### Introduction to Primary Care Skills

**Wednesday, Sept 17 | 4:30 - 5:30 PM**

Join the Philadelphia College of Osteopathic Medicine to ignite your passion for medicine and explore diverse healthcare careers through hands-on workshops and mentorship!

### Forensics Escape Room

**Wednesday, Oct 22 | 4:30 - 5:30 PM**

This engaging pathway program is designed for high school students interested in discovering the many opportunities within the healthcare field. Participants will gain firsthand experience through interactive workshops covering essential areas such as primary care skills, mental health, sports medicine, dermatology, and forensic sciences.

### Mental Health

**Wednesday, Nov 19 | 4:30 - 5:30 PM**

Beyond the workshops, students will have the unique chance to connect with dedicated mentors from PCOM. These mentors will provide guidance, share their personal journeys, and help students navigate the path toward a rewarding career in medicine.

## Build Your Blueprint: College and Career Series with Ms. Van

### Dorm Room Cooking Class

**Thursday, Sept 18 | 4:30 - 5:30 PM**

Dining on a budget can be tasty too! Come learn how to eat seasonally, cook innovatively, and enjoy a tasty meal that you can create with just a microwave! Nutritious and delicious meals are easier than you think! Come cook with us!

### Making Money Moves For College and Beyond

**Thursday, Oct 16 | 4:30 - 5:30 PM**

College and life are expensive. However, there are different ways to manage and figure out your expenses. It's not just about making ends meet but feeling confident in your choices. Come learn how to make money moves and balance your budgets!

### Scholarship Prep Day

**Thursday, Nov 12 | 4:30 - 5:30 PM**

Do you have money for college? If not, don't worry! Students will be exposed to different college and summer program scholarships. They will receive one on one support and feedback on any applications. Details on the Earl Woods Scholar Program will also be featured!

# Exploration Events

Events are open for TGR Learning Lab members. Advanced registration is required.  
One registration per event.

## Friday Nights at the Lab | Grades 6-12

Friday Nights @ The Lab is the perfect way to kick off your weekend with friends, fun, and exciting activities! Each month you can enjoy new themed events packed with fun and games. Sign up to get all the details and enjoy the excitement!

### Tacos and Trivia: Friday, Sept 12 | 5:30-7:30 PM

Put your knowledge to the test while enjoying delicious tacos at Tacos & Trivia!

### K-Pop: Friday, Oct 3 | 5:30-7:30 PM

Dive into the vibrant culture of Korea with Korean Bites & Beats!

### Pizza and Personal Care: Friday, Nov 7 | 5:30-7:30 PM

Treat yourself to a night of relaxation, creativity, and connection at Pizza & Personal Care!

## Open Exploration Time | Grades 6-12

### Fall Dates: Sept 13 and 23, Oct 13 and 18, Nov 4 and 15 | 10:00 AM - 12:00 PM

Come in for an open lab session where you can dive into a variety of hands-on activities and programs that the lab has to offer. Whether you're exploring new tools, experimenting with cutting-edge equipment, or working on your own creative projects, this is your opportunity to innovate, learn, and bring your ideas to life.

## Saturday Community Fests | Grades 1-3

### Fall Dates: Sept 13 and 27, Oct 18, Nov 1 and 15 | 1:00 - 3:00 PM

The TGR Learning Lab is excited to welcome students to our monthly Saturday Community Fests! These are drop-off events that offer crafts, games, special projects and guaranteed fun!



# My Fall @ the Lab

Use this page to keep track of your programs by checking off the courses, workshops, or events that you've signed up for.

## Weekly Courses

### Early Ed (3:45 - 5:15 PM)

- ☐ The Inventor Adventure (3<sup>rd</sup> Grade) - Tuesday
- ☐ Disaster Detectives (4<sup>th</sup> Grade) - Wednesday
- ☐ Disaster Detectives (5<sup>th</sup> Grade) - Thursday

### Middle School (4:00 - 5:30 PM)

- ☐ Drone Racing & Flight School - Mondays
- ☐ Through the Lens- Tuesdays
- ☐ Multimedia Lab - Wednesdays
- ☐ Under the Microscope - Wednesdays
- ☐ Channel Zero: Content Creation - Thursdays

### High School (4:00 - 5:30 PM)

- ☐ Architects in Training - Mondays
- ☐ The Real Mic: Podcast Lab - Tuesdays
- ☐ Tiger Robotics - Tuesday
- ☐ Senior Launch (12<sup>th</sup> Grade) - Wednesdays
- ☐ License to Fly: Drone Prep - Thursdays

## Exploration Events

### Friday Nights at the Lab (5:30 - 7:30 PM)

Grades 6-12

- ☐ Tacos and Trivia - Friday, Sept 12
- ☐ K-Pop - Friday, Oct 3
- ☐ Pizza and Personal Care - Friday, Nov 7

### Open Exploration (10:00 AM - 12:00 PM)

Grades 6-12

- ☐ Saturday, Sept 13
- ☐ Tuesday, Sept 23
- ☐ Monday, Oct 13
- ☐ Saturday, Oct 18
- ☐ Tuesday, Nov 4
- ☐ Saturday, Nov 15

### Saturday Community Fests (1:00 - 3:00 PM)

Grades 1-3

- ☐ Saturday, Sept 13
- ☐ Saturday, Sept 27
- ☐ Saturday, Oct 18
- ☐ Saturday, Nov 1
- ☐ Saturday, Nov 15

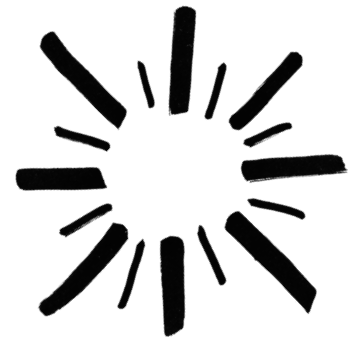
## High School Workshop Series (4:30-5:30)

### Healthcare Career Exploration with PCOM

- ☐ Introduction to Primary Care Skills - September 14
- ☐ Forensics Escape Room - October 22
- ☐ Mental Health - November 19

### Build Your Blueprint: College and Career with Ms. Van

- ☐ Dorm Room Cooking Class - September 18
- ☐ Making Money Moves for College - October 16
- ☐ Scholarship Prep Day - October 12





# Ready to Register?





Become a  
member today!

Scan this QR code to  
register for **FREE** fall  
programs at the Lab.

[or use this link to register](#)

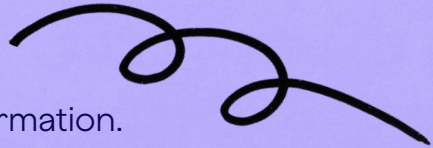


# How to Guide

1. Scan the QR code on the previous page and click **“Register Today”**
2. Use the menu or 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”**
  - a. If you do not have an account, you will be prompted to create one.  
See instructions at the bottom of this page.
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 all 4 documents under Contracts. Click **“Sign”** to print your name and add an e-signature, then click **“Complete”**.
8. Once all contracts are signed, click **“Next”** to finalize registration.

## HOW TO CREATE AN ACCOUNT

1. Click **“Create Account.”**
2. Fill in the required information with PARENT information.
3. Click **“Submit.”**
4. To verify your account, check your email. Open the inbox for the email that you entered on the registration form. You may have to check spam.
5. Locate the **“Welcome to TGR Labs”** message and click the link provided.
6. Enter in a password and click **“Change Password.”**



## HOW TO ADD A CONTACT

Once you have created an account, you will need to add a contact for each student. Follow the steps below for each student you wish to add.

1. Click **“Create a New Contact”**.
2. Enter the required STUDENT information.
3. Click **“Save”** and refer to the steps above to register for courses.

# Getting to the Lab

📍 7401 Lansdowne Ave, Philadelphia, PA 19151

If you're taking SEPTA, you can take the **65** or **105** 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](http://Philadelphia.tgrlearninglab.org)

📷 @TGRLL\_philadelphia

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