TGR LEARNING LAB

WINTER CATALOG

2026-2027







TGR Learning Lab
7401 Lansdowne Ave, Philadelphia, PA 19151

@TGRLL_Philadelphia

What's happening at the Learning Lab this Winter?

Weekly After-School Courses



10-week courses. November 30th through February 18th. Weekly attendance expected.

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

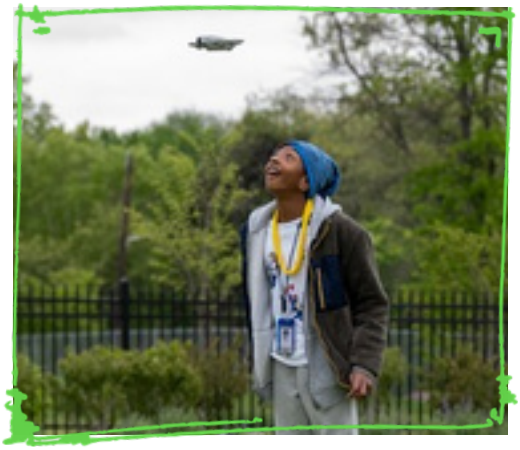
Workshop Series



Sign up for one-time sessions individually!

- Global Bites | Grades 6-8
- Dirt Detectives | Grades 6-8
- Healthcare Workshop | Grades 9-12
- First Lecture Free | Grades 9-12
- Build Your Blueprint | Grades 9-12
- Pre-Law Workshop | Grades 9-12

Exploration Events



Exploration events are great opportunities to wander, tinker and discover!

- Friday Nights at the Lab | Grades 6-12
- Open Exploration Time | Grades 6-12
- Empowerment Day | Grades 5-12
- Saturday Community Fest | Grades 1-3
- Winter Fest | Grades 1-3
- MLK Day of Service | Grades 4 & 5

Winter at a Glance

DECEMBER

S	M	T	W	T	F	S
	30	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		

JANUARY

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						

FEBRUARY

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						

- First/Last Day of After-School Courses
- Global Bites Workshop (Middle School)
- Dirt Detectives (Middle School)
- Healthcare Workshop (High School)
- Pre-Law Workshop (High School)
- First Lecture Free Workshop (High School)
- Build Your Blueprint Workshop (High School)
- Special Events
- Friday Nights at the Lab
- Open Exploration
- Saturday Community Fest
- Registration Opens for Spring

Family Celebration Night

Celebrate everything your student has accomplished this winter! 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: February 23
- Middle & High School: February 25



Elementary Courses | Grades 3-5

Register for individual courses based on student grade. Courses begin the week of November 30th and last through February 18th. Weekly attendance is expected.

3RD GRADE

Discovering Animals and Their Habitats

with Ms. Maria & Ms. Tracy

Every Tuesday | 4:00 - 5:15 PM

Do you love learning about animals and their habitats? Explore different ecosystems, discover how animals adapt to their environments and participate in hands-on activities that bring learning to life.

4TH GRADE

Force and Motion Extravaganza

with Ms. Tracy

Every Wednesday | 4:00 - 5:15 PM

Explore force and motion through hands-on activities and experiments. Students will discover how pushes, pulls, gravity and friction affect the way objects move and shape the world around us.

4TH GRADE

Computer Science with LEGO

with Ms. Maria

Every Wednesday | 4:00 - 5:15 PM

Become a builder, coder and inventor using LEGO® pieces, motors, sensors and AI activities to create moving machines, solve challenges and discover how computers think, make decisions and learn from data.

5TH GRADE

Smart City Innovators

with Ms. Maria & Ms. Tracy

Every Thursday | 4:00 - 5:15 PM

Think like engineers, inventors and city planners as you explore what makes a city work. Through hands-on activities and design challenges, students will create ideas and prototypes to make communities smarter and more sustainable.







More Winter Fun!

Winter Fest
Grades 1-3

Saturday, December 19
12:45 - 3:00 PM

Welcome to the Lab for a winter fun day! Students will dive into hands-on activities including art projects, STEAM experiments and interactive games, plus gifts, crafts, food, music and giveaways.





MLK Day of Service
Grades 4 & 5

Monday, January 18
1:00 - 3:00 PM

Join us for an MLK Day of reflection, creativity and service looking at the life and legacy of the Rev. Dr. Martin Luther King Jr. Students will participate in a guided service project that will benefit three local nonprofits.

Middle School Courses Grades 6-8

Register for individual courses based on student grade. Courses begin the week of November 30th and last through February 18th. Weekly attendance is expected.

Storytelling Without a Studio
with Mr. RiZ

Every Monday | 4:00 - 5:30 PM

Turn everyday moments into compelling stories through creative challenges using photography, interviews, audio, video and editing.

Healthy Hearts
with Ms. Vic

Every Monday | 4:00 - 5:30 PM

Ever feel drained after a conversation or conflict? Learn how to build healthier relationships through conflict resolution, setting boundaries, emotional support and managing emotions.

The Pitch Lab
with Mr. RiZ

Every Tuesday | 4:00 - 5:30 PM

Turn ideas into persuasive pitches through creative speaking challenges. Practice storytelling, body language and presentation techniques before developing and delivering a final proposal.

Body Smarts
with Ms. Vic & Dr. Hillman

Every Wednesday | 4:00 - 5:30 PM

Body Smarts helps middle school students build confidence and practical health knowledge through hands-on learning.

Power of the Mind:
Intro to Psychology with Ms. Vic

Every Thursday | 4:00 - 5:30 PM

Discover how your brain shapes the way you think, feel and act. Explore the science behind emotions and behaviors while learning more about yourself and the power of your mind.

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.





Workshop Series Grades 6-8

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

Global Bites:
Dorm Edition with Ms. Van

Travel the world without leaving your dorm room! Learn from real chefs how to make delicious meals using just a microwave and a kettle, all the same tools you'll have in college. Each workshop visits a new country so join one or join them all!

Mexico
Wednesday, Dec. 2 | 4:00 - 5:30 PM

Japan
Wednesday, Dec. 16 | 4:00 - 5:30 PM

Italy
Wednesday, Jan. 20 | 4:00 - 5:30 PM

Mediterranean
Wednesday, Jan. 27 | 4:00 - 5:30 PM

France
Wednesday, Feb. 10 | 4:00 - 5:30 PM

Dirt Detectives
with The Sanchez Dooner Foundation

Case #1: The Secret of Soil
Tuesday, Dec. 8 | 4:00 - 5:30 PM

A spoonful of healthy soil holds more living things than there are people on Earth. Put three kinds of soil under the microscope and see who's living in each. Take home a pocket magnifier to keep investigating.

Case #2: Operation Germination
Tuesday, Jan. 12 | 4:00 - 5:30 PM

Every seed hides a tiny plant waiting for the right conditions to grow. Crack one open to uncover its secrets, explore emerging roots under the microscope and discover what it takes for a seed to sprout.

Case #3: From Soil to Snack (and Back)
Tuesday, Feb. 9 | 4:00 - 5:30 PM

Is a potato a root or a stem? Sort a table of fruits and vegetables by the plant part you're eating, then use the microscope for evidence and surprises. Build a snack from roots, stems, leaves, flowers, fruits and seeds.



High School Courses | Grades 9-12

Register for individual courses based on student grade. Courses begin the week of November 30th and last through February 18th. Weekly attendance is expected.

Sewing and Circuitry
with Ms. Anna

Every Monday | 4:00 - 5:30 PM

Explore the intersection of sewing, coding and circuitry as you design and create your own stuffed animal with lights that twinkle and glow in response to its surroundings. In this class you will learn how creativity and technology work together.



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 TGR golf coach. Students will develop putting, chipping and full-swing skills while building confidence, sportsmanship, and a love for the game.



Creative Industry Lab
with Mr. RiZ

Every Wednesday | 4:00 - 5:30 PM

Gain the experience of working like a professional team delivering on a creative brief. Take on roles in graphic design, audio production, writing, marketing, and direction as you develop a connected multimedia campaign and close out the session with a final presentation.



Workshop Series | Grades 9-12

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

Healthcare Series
with Philadelphia College of Osteopathic Medicine

Emergency Medicine Challenge
Wednesday, Dec. 2 | 4:30 - 5:30 PM

Think you can handle an emergency? Tackle hands-on challenges in CPR, splinting, bleeding control, airway management and triage alongside healthcare professionals.

Athletes in Medicine: Optimizing Your Performance
Wednesday, Jan. 6 | 4:30 - 5:30 PM

Explore how nutrition, sleep, stress and recovery impact athletic performance through challenges inspired by sports medicine professionals.

Behind the Patient
Wednesday, Jan. 20 | 4:30 - 5:30 PM

Work with PCOM mentors to explore how everyday challenges affect people's health, access to healthcare and ability to get support.

Pre-Law Workshop
with Archer Law

Learn from a Lawyer: Litigation
Wednesday, Feb. 10 | 4:30 - 5:30 PM

Join practicing attorneys to explore how lawyers build cases, develop arguments and advocate for clients.

First Lecture Free with Ms. Van

Get a sneak peek at college life! Join us for a real college style lecture and Q&A.

Game Day Rituals
Wednesday, Dec. 9 | 4:00 - 5:30 PM

Explore how game day traditions bring fans together and connect to careers in sports marketing and event planning.

Curator Lab
Wednesday, Jan. 13 | 4:00 - 5:30 PM

Enter into the art world by learning the ins and outs of curation and how to become a professional artist.

Building Black Wealth
Wednesday, Feb. 17 | 4:00 - 5:30 PM

Explore how Black leaders bridge neighborhoods and institutions, and how that role connects to careers in finance, policy, and real estate.

Build Your Blueprint with Ms. Van

2+2=Your Degree: Transferring 101
Wednesday, Jan. 6 | 4:00 - 5:30 PM

Thinking about community college? Learn how to transfer to a four-year college, navigate credits and plan ahead to save time and money.

Dorm Room Cooking
Wednesday, Feb. 3 | 4:00 - 5:30 PM

Heading to college soon? Learn practical cooking skills to save money, eat well and feel confident preparing meals on your own.

Exploration Events | All Grades

Events are open for TGR Learning Lab members. Advance registration is required.
You must register for each event individually.

Saturday Community Fest | Grades 1-3

Dates: Dec. 5, Jan. 9 and 23, Feb. 6 and 20 | 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.

Open Exploration Time

Hack-a-Thon: Saturday, Jan. 30 | 11:30 AM - 3 PM | Grades 9-12

Love gaming or video game design? Team up to create, share, and play each other's games at our first hack-a-thon in partnership with Arizona State University.
*Lunch is provided. Please be sure to arrive by 11:30 AM.

Thaddeus Stevens: Saturday, Feb. 20 | 10:00 AM - 12:00 PM | Grades 6-8

Come into the Lab to learn about the skilled trades with a local technical college.

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.

Tacos & Trivia: Friday, Dec. 4 | 4:30 - 6:30 PM

Burgers, Basketball & Brain Games: Friday, Jan. 8 | 5:30 - 7:30 PM

Built Different, Empowerment Day: Friday, Feb. 5 | 4:30 - 6:30 PM

OPEN TO STUDENTS IN 5TH GRADE AS WELL





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

October 26 - October 30
from 9 AM - 12 PM & 1-3 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.

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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