



MISTI Global Teaching Labs Info Session IAP 2025

MISTI Study Abroad
Info Session –
September 24th at
5 pm in 3-133



MISTI Global Teaching Labs: Learning through Teaching

Africa

- Ivory Coast*
- Ghana*
- Rwanda*
- Cape Verde*
- South Africa/
Botswana*

Asia

- Korea
- India*
- Bhutan*
- Nepal*

Eurasia

- Germany
- Italy
- Armenia
- Georgia*
- Kazakhstan*
- Spain
- Andorra*
- England*
- Scotland*
- Wales

Middle East and North Africa

- Bahrain
- United Arab
Emirates*
- Morocco*
- Jordan*

Latin America

- Mexico
- Chile
- Peru
- Uruguay



GTL at a Glance

- **How many:** Over 400 MIT students placed in 2024
- **When:** Avg. 3 weeks between Jan 6th–January 31st; Dates & Duration vary slightly across programs
- **What:** Teaching one or more subjects
- **How:** All teaching takes place in ENGLISH
 - MIT Students teach **individually** or in **groups** mostly with regular teachers' supervision. Size of teaching teams varies by school/country. Teaching must be HANDS ON
- **Housing:** Varies by country. Secured by hosts at school dorms/host family or by MISTI program; most students stay with families or at school dorms.
- **Compensation:** Housing, airfare, and small stipend covering BASIC costs
- **Training:** Selected candidates **must** commit to participate in training (about 6–8 sessions on teaching and host country's culture and education system).





What host schools are looking for:

- Introduce new subjects or reinforce traditional ones with **hands-on** teaching
- Stimulate student interest in STEM topics & expose them to positive role models
- Familiarize students and teachers with MIT experiential methodology, focusing on problem solving
- Learn about MIT, US college culture, and US university system
- Improve English language skills
- Connect with MIT K-12 programs designed for high school science teachers



Why do MIT students do GTL?

- Learn about different education systems
- Practice experiential teaching and deepen subject knowledge
- Improve oral communication, learn to adapt and improvise
- Build skills to TA for a MIT course, explore interest in teaching career
- Get frustrated with/learn to appreciate another culture
- Gain confidence dealing with different cultural styles and contexts
- Improve language skills
- Prepare for a longer stay abroad
- See the world from the MISTI insider perspective

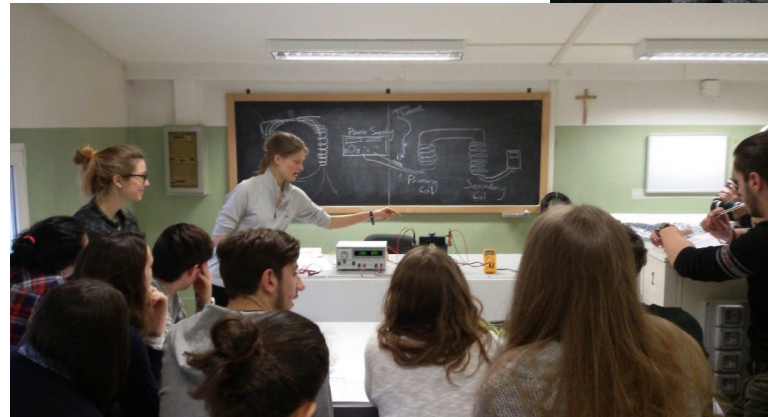
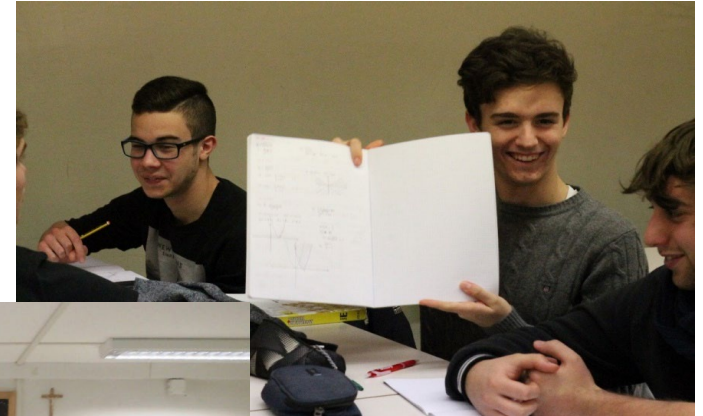




“Whenever you think you understand something, try to explain that to a kid!”

- Edgar Minasyan (Summer 2015 GTL – Armenia), describing GTL to Armenia’s President

GTL is a lot of work, but a lot of fun too!



How to Apply

Deadline September 18th at 11:59 PM

Apply Online, by going to the <https://misti.mit.edu/apply-now> page, scroll down to the GTL section.

1.

Global Teaching Labs

Please ensure you've read the details on how to apply, program requirements, application process, deadlines, and more on the [Global Teaching Labs](#).

- > Application Process and Deadlines
- > Apply Here
- > Already started an application? Log in here.



2.

Program Options

Please select program options before continuing.

Select Term *
IAP, 2025

Cancel Continue



How to Apply

Deadline September 18th at 11:59 PM



It will look like this if you submitted everything!



It will look like this if you submitted everything EXCEPT one section. If that section is the passport section, you are done!

- There is no final “Submit” button.
- Click “Done” after each section once it is complete.
- If you make an error, do not “withdraw” your application to start another. Email misti@mit.edu, and we can fix it.
- Documents must be uploaded as PDFs.
- Passport does not need to be submitted.

We will send an email to all applicants with completed applications on the morning of **September 19th**!

If you do not receive an email in the morning, you need to reach out to misti@mit.edu ASAP, and we may offer an extension depending on the situation.



Selection and Matching Process

- You can prioritize 2 country programs & indicate your interest in ALL of them
- You will be considered by your 1st choice country, then 2nd, and then all others. There is no guarantee your second choice program (or any other program) will consider you if your first choice program does not select you-- though we do our best to share applications among programs
- Make sure your country/subject/housing choices match
- Select applicants will be contacted by country managers for interviews
- If offered a position you will have to commit very fast—sometimes before knowing at which school/in which location you will be teaching
- Country selection should be completed between mid October and early November
- Training will take place between November and end of classes

What We Look For

- Proven knowledge of subjects to be taught
- Exposure to MIT teaching & learning methods (Very few programs take first years—so please check)
- Experience in hands-on activities, preferably subject-related
- Teaching experience & passion for teaching
- Good Communication skills
- Curiosity and flexibility
- Knowledge of host country language always a plus (required by some programs)



What We Look For

First year applicants are ONLY eligible for the following programs/subjects:

- **Africa:**
 - Cape Verde: Any subject
 - Ivory Coast: For Competition mathematics
 - Ghana: For Competition mathematics
 - Rwanda: For Competition mathematics
- **Europe:**
 - Italy: For Debate
 - Armenia: Any subject
- **Asia:**
 - India: Any subject
 - Bhutan: For Competition Mathematics
 - Nepal: Any subject
 - Kazakhstan: Any subject

Language Requirements:

- **Africa:**
 - Ivory Coast: French is highly recommended
 - Cape Verde: Portuguese is highly recommended
- **Asia:**
 - Korea: No language requirement, but seeking Korean and Mandarin speakers for select placements
- **Europe:**
 - Germany: No language requirement, but preference to students who have taken German
 - Spain: Spanish Required – conversational/intermediate level is a minimum
 - Andorra: Spanish Required – conversational/intermediate level is a minimum. One placement for a French speaker.

- **Latin America:**

- Mexico: No language requirement, but seeking Spanish speakers for some placements.
- Chile: No language requirement, but preference to students who speak Spanish
- Peru: No language requirement, but preference to students who speak Spanish
- Uruguay: No language requirement, but preference to students who speak Spanish

Seeking Graduate Students (All programs accept graduate students, but select programs are actively seeking graduate students.):

- **Africa:**

- South Africa & Botswana: Graduate students seeking leadership role encouraged to apply
- Ivory Coast: Graduate students encouraged, even if they are not domain experts but know French very well.

- **Europe:**

- Armenia: Graduate students seeking to work with university-level students are encouraged to apply.
- Georgia: This opportunity is for seniors and graduate students only

- **Middle East:**

- Bahrain: Seeking MBA and Mechanical Engineering graduate students

- **Latin America:**

- Peru: This opportunity is for seniors and graduate students only
- Uruguay: This opportunity is for seniors and graduate students only



GTL Italy

- Mostly STEM (**Physics, Sciences, & Computer Science**) and **DEBATE** at 40+ high schools
- **FRESHMEN** accepted for **DEBATE ONLY**
- Italian a plus—but not required
- Most schools are in small towns, mostly in Northern Italy.
- Some schools host more than one student
- All teaching is done individually—up to 20 hours/week
- Students teach one or two curriculum related subjects—TEAL style
- Each student has a mentor at the host school
- Students stay with families chosen by host school
- Basic costs covered through a combination of host schools (800 Euros stipend) and program funding(travel costs)
- Select students will be called in for interviews
- Timeline: placements finalized by mid November
- Acceptance is location-blind
- **Dates Jan 6–25th** No changes allowed Available spots: between 30 and 60



GTL-Arab World



Location: Bahrain, Morocco, Jordan, and UAE (Abu Dhabi).

Dates: Teaching from January 4-February 1 (plan to arrive a few days early and depart February 2 or later)

About: Teach STEM subjects to high school and college students.

Subjects: STEM, Robotics, Computer Science, Mechanical and Electrical Engineering, climate and sustainability.

Available Spots: 22 in Bahrain, 4 in Morocco, 9 in Jordan, 4 in UAE (Abu-Dhabi).

Accommodations: Hotels.

Teach (Bahrain): Build technology from scratch. Skills needed: Arduino, 3D printing, Fusion 360, laser cutting, and CAD design. The skills required for the advanced program are Raspberry PI and OpenCV.

Teach (Bahrain) : Build an electric car from scratch—advanced skills in physics, electronics, programming, and CAD software.

Teach (Bahrain): Business Accelerator for college students.

Morocco: Healthcare and data, climate and sustainability project.

Jordan: Building technology from scratch. Skills needed: Arduino, 3D printing, Fusion 360, laser cutting, and CAD design.

UAE (Abu-Dhabi) : Climate and sustainability with a healthcare focus. 4 students will be subject matter experts for a science journalism workshop on climate change and public health. They will engage with international journalists and influence international media coverage of climate change and public health.

GTL Scotland

2025 Dates: Jan 6 – 25

Location: Aberdeen

Living/stipend: Private apartment, self-catered. Weekly stipend.

Language: English

Subjects: Green Tech; Sustainable Energy; Creative Design and Product Development; AI & Data Science; Entrepreneurship; Robotics

Teaching format: K-12 classes, workshops and clubs

Spots: 2

Eligibility: Juniors and above



GTL England

2025 Dates: Jan 6 – Jan 29

Location: London and Kent

Living/stipend: Private apartment, self-catered. Weekly stipend.

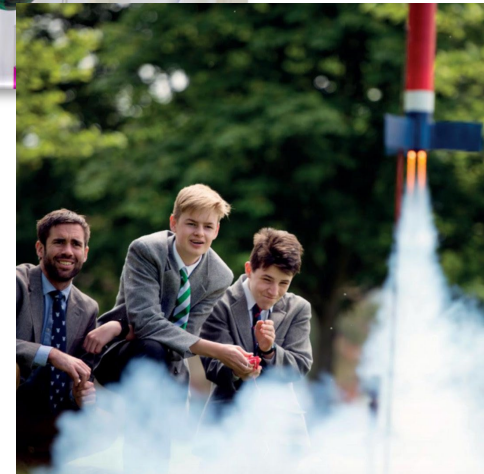
Language: English

Subjects: Physics, Computer Science, Biology, Maths, Chemistry, Rocket Team, MechE

Teaching format: K-12 classes, workshops and clubs, panels

Spots: 4-6

Eligibility: Sophomores and above



GTL Wales

2025 Dates: Jan 6 – Jan 29

Location: Across Wales

Living/stipend: Host families. Weekly stipend.

Language: English

Subjects: Physics, Biology, Maths, Computer Science, Chemistry, Geography, Sustainability, Robotics, Design, Music

Teaching format: K-12 classes, community colleges classes, workshops and clubs, panels. Weekly curriculum development workshops with host teachers.

Spots: 12

Eligibility: Enthusiasm for your subject and some previous experience teaching / tutoring / mentoring



Zoom info session with GTL Wales partners on Fri Sep 13th at noon:



Korea GTL

- **Mission:** Promote MS/HS students' motivation for STEM learning and help build stronger foundation for lifelong education and higher career aspirations.
- **Means:** Independently-developed *Mens et Manus*, hands-on STEM workshops + classes taught 3-4 wks, 4-5 hrs/day as extracurricular program in Jan.
- **Method:** Teams of 2-4 develop workshops with \$3-4k budget. ≈2-4 hrs/wk prep work Oct-Dec.
- **Location:** HS for NKorea escapees, non-profits for disadvantaged students, intl MS/HS.
- **Need:** Passion & talent for hands-on teaching/learning, ability to excite about STEM concepts. Also:
 - Full-time commit in Jan, 40-60 hrs/wk
 - Lang not required but need fluent Korean/Chinese speakers for select placements.
 - Serious interest in 2 consecutive yrs of Korea GTL for deeper global experience is a plus.



"All physical theories ... ought to lend themselves to so simple a description that even a child could understand them." -- Albert Einstein

GTL Spain

2025 Teaching Dates: January 9th – January 30th

Location: Public/Semi-Private School; Barcelona, Madrid, Mallorca

Language: Intermediate, conversational Spanish required

Subjects: All STEM subjects + technology, robotics and programming. 10 schools seeking maker space experience; 3D printing, laser cutters, AV equipment. Edgerton center experience a +

Living/stipend: Homestays with families associated with schools. Students receive a small weekly stipend

Teaching format: Individual placements with host teacher, some workshops (approx. 20 hrs/week)

Spots: 30 +/-

Enthusiasm, positive attitude and flexibility are a must!



GTL Andorra

2025 Dates: January 9th – January 30th

Location: Principality of Andorra. Tiny country between Spain and France, in the Pyrenees Mountains (official languages: Spanish, French and Catalan)

Language: Intermediate, conversational Spanish required.
Seeking 1 French speaker

Living/stipend: Homestays with families associated with schools. Students receive a small weekly stipend

Subjects: All STEM subjects + technology, robotics and programming (approx. 20 hrs/week)

Teaching format: Students placed in individual schools and matched with local teacher who will coordinate schedule

5 spots



MISTI Eurasia: Armenia, Kazakhstan, Georgia



Locations: Capitals + rural areas

Living: Host families / apartments /
dorms

Teaching format: varies

Language: Not required (Armenian,
Kazakh, Georgian, Russian preferred)

Subjects: STEAM,
business/entrepreneurship

Spots: 30+ (2/host organization)

Hosts: Posted to the website

**FIRST-YEAR AND GRADUATE STUDENTS
ARE WELCOME TO APPLY!**

GTL Germany



Dates: January 7 – 24, 2025

Location: All over Germany!

Living/stipend: Travel & expenses covered; Host families associated with the school for most locations; Regensburg has student dorms. Students are paired in schools and grouped by city or region

Language: None required

Subjects: All STEM – Bio, Chem, CS, Math, Physics

Teaching format: Standard hands-on, 10h/wk; all students teach in pairs

Spots: 40

- Special “buddy” program w/ university partners in Stuttgart & Regensburg (6 ea)



GTL Mexico

- **Dates:** Varies per school. 3 weeks starting January 6th or 13th
- **Locations:** Mexico City, Aguascalientes, Queretaro, Tapachula, Merida, Campeche, Cozumel, Oaxaca, and more!
- **Teaching format:** at least 2 MIT students per school. Paired up to teach with local teachers and/or prepare hands-on workshops
- **Living:** Host family, school residences, or shared apartment depending on school
- **Language:** Knowledge of Spanish is generally preferred but not necessary. Some schools do require Spanish.
- **Subjects: ALL STEM (30 + spots)**
 - Universidad Panamericana
 - *Beautiful Patterns:* Five spots for **female-identified** students to teach STEM and coding to middle and high school girls
 - Three spots to prepare a workshop on **cybersecurity**



GTL Chile/Peru /Uruguay

Dates: January 6–24

Location: Chile, Peru and Uruguay

Living/stipend: Apartments with other MIT students + stipend

Language: Chile , Peru : Basic Spanish

Uruguay: English

Subjects: Chile: Intro to Python (6.0001)

Peru: Intro to Python (6.0001), ML

Uruguay: Machine Learning, AI,
Entrepreneurship

Teaching format: In-person, workshop.

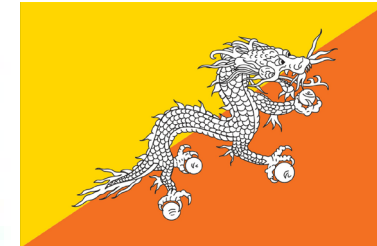
Spots: Chile, Peru: at least 10

Uruguay: at least 10





GTL Programs in South Asia



	Dates	Location	Subject	Spots	Seeking
India	Jan 6 - 31	Bangalore	Robotics, Math, Design thinking and Interactive Learning Models for children with special learning disability (SLD) STEM+Art	6-10	Students with relevant skills/experience
Nepal	Jan 6 - 31	Kathmandu	Robotics, Coding, Math & English	2	Students with relevant skills/experience
Bhutan	Jan 6 - 31	Thimphu	IMO coaching	2-3	Competition math experience, preferably IMO



GTL Programs in Africa



	Dates	Location	Subject	Spots	Seeking
Cape Verde	Jan 6 – 31	Praia	Problem Solving with App Inventor	5	All fields, all levels. Portuguese a plus
Ghana	Early/Mid IAP (TBD)	Accra	Competition Math	3	Competition math experience
Ivory Coast	Early IAP (TBD but <2 weeks)	Abidjan	Competition Math	3/4	Competition math experience, MBAs with French skills
Rwanda	Jan 6 – 24	Kigali	Competition Math	3	Competition math experience
South Africa & Botswana	Jan 8 – 19+	Johannesburg & Gaborone	Quantum Mechanics Theory & Application	9	Relevant research and internship experience, Leadership experience, open to graduate students

Questions?