

## **MESA Summer Academy: Solar System Mission Possible**

Application Deadline: June 1, 2018

Early Bird Discount Deadline: May 1, 2018

### **Program Description**

Get a head start on your career in space exploration with MESA's Summer Academy! Students will plan and build remote robots, fly rockets, and learn to code with Sphero robots, while cementing broader concepts from across the math, science, and technology curriculums. The two-week camp will also include field trips and meetings with scientists and space professionals. Each student will participate in collaborative and independent research, and a design-and-build task, all under the guidance of Temple University faculty and counsellors. As a camp, we will form questions, research answers, and discuss what we learn: inquiry learning is a fun and scientifically-sound way to explore this topic, as we share knowledge as a community and work together to explore the science of space.

### **Logistics**

The program will take place between July 9 and 20, from 9am until 4pm, on Temple University's Main Campus. Student can be dropped off after 8:30am and must be picked up by 4:30pm.

The program fee is \$595. Lunches, program t-shirts, and course materials are included. Apply before May 1 for an early bird discount of \$50. There is a 10% discount for siblings, and for children of Temple University employees, alumni, and students. Limited scholarships are available based on financial need and North Philadelphia residency (located in north of City Hall in Philadelphia).

**Eligibility:** This program is for students currently in grades 5 through 8. Students from North Philadelphia are strongly encouraged to apply.

**Mail Application:** Abeer El-Zaher, Temple University: College of Engineering, 1947 N. 12th St. Philadelphia, PA 19122

**Online Application:** <http://tiny.cc/MESASolarCamp>

**Contact:** Abeer El-Zaher at phone 215-204-7889, [mesapa@temple.edu](mailto:mesapa@temple.edu), fax 215-204-6936

**More Information:** Open House on April 28, 9-10am <http://tiny.cc/MESAOpenHouse>



### **Application Checklist:**

- |   |   |
|---|---|
| <input type="checkbox"/> Applicant Information  | <input type="checkbox"/> Teacher Reference                |
| <input type="checkbox"/> Parent Information   | <input type="checkbox"/> Latest Report Card (Recommended) |
| <input type="checkbox"/> Essay  |   |
| <input type="checkbox"/> Proof of North Philadelphia (north of City Hall) Residency (If applying for scholarship) |   |
| <input type="checkbox"/> Proof of Income (If applying for financial-need based scholarship)                       |   |

**Applicant Information**

First Name: \_\_\_\_\_ Last Name: \_\_\_\_\_

Address: \_\_\_\_\_

Home Phone: \_\_\_\_\_ Cell Phone: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

E-mail: \_\_\_\_\_ Date of Birth (month/day/year): \_\_\_\_\_

What gender do you identify as? Female Male Disability: Yes No

Ethnicity: Hispanic Non-Hispanic

Race:

Black or African American

White/Caucasian

Asian

Native Hawaiian or Other Pacific Islander

American Indian or Alaska Native

Two or more races

**Academic Information**

Name of School: \_\_\_\_\_ Current Grade: 5<sup>th</sup> 6<sup>th</sup> 7<sup>th</sup> 8<sup>th</sup>

**Parent/Legal Guardian Information**

First Name: \_\_\_\_\_ Last Name: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: \_\_\_\_\_ E-mail: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Signature of Parent or Legal Guardian: \_\_\_\_\_ Date: \_\_\_\_\_

**Discounts and Need-Base scholarships (Optional)**

Proof of Residency: (Please mail one (1) document with the application or upload online)

Utility Bill  Driver's License  W-2 or Tax Record  Lease Agreement  Mortgage Record

Are you a Temple employee, student, or alumni (10% discount)? Yes No

*If yes, what's your TU email or TU ID?* \_\_\_\_\_

Do you plan to register more than one child for this program (10% discount)? Yes No

Do you want to apply for a need-based scholarship for this program? Yes No

*If "Yes", please fill out the following questions. If "No", please skip.*

How many people are in your household? 2 3 4 5 6 7 8 9 or more

Household Yearly Income (Income proof of paystubs or government income document)

Under \$ 16,000

\$31,001-\$36,000

\$51,001-\$56,000

\$16,001 to 21,000

\$36,001-\$41,000

\$56,001-\$61,000

\$21,001 to \$ 26,000

\$41,001-\$46,000

\$61,001- \$66,000

\$26,001-\$ 31,000

\$46,001-\$51,000

\$66,001 or more



### Teacher Reference

Please have a teacher or counselor you have worked closely with fill out the form below.

#### Teacher Instructions:

Please complete the chart below and write a short (3-5 sentence) summary of your experience with the student. This form should be filled out, signed, and returned to the student before the application is **due on June 1st, 2018**.

Student's First Name: \_\_\_\_\_ Student's Last Name: \_\_\_\_\_

Teacher's First Name: \_\_\_\_\_ Teacher's Last Name: \_\_\_\_\_

Teacher Email: \_\_\_\_\_ Teacher Phone Number: \_\_\_\_\_

Course(s) Taken with Teacher (if applicable): \_\_\_\_\_

	Always	Often	Sometimes	Rarely	Never
This student was eager to learn.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
This student cared about other students.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
This student was late to class.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
This student skipped classes.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
This student turned in homework on time.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
This student is competitive or participates in competitions.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
This student participated in class, group, and hands-on activities.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
This student worked independently and as a team member.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
This student was an asset to the class.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
This student participated in extra-curricular activities.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Please write a few sentences about your experience with this student:

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Teacher Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Thank you for your time. Your comments will be very useful in the selection process.

### Application Deadlines and Decision

The application deadline is **June 1, 2018**. Early bird discount (\$50) deadline is **May 1<sup>st</sup>, 2018**. Applications will be considered as they are received and applicants will be notified within 2 weeks after the application deadline. Decisions will be based on the applicant's essay, teacher's recommendation, and latest school report card (if submitted). All interested students are encouraged to apply.

### Program Fees

The cost of the program is \$595 per participant. Once the student is accepted into the program, student can register online within 1 week. Cancellation must be requested by **June 8, 2018** for refund less the non-refundable fee of \$50.00. All program fees will be due no later than **June 25, 2018**.

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**Fax** application to Abeer El-Zaher at 215-204-6936.

**Apply online** at <http://tiny.cc/MESASolarCamp>



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Temple University is committed to a policy of equal opportunity for all in every aspect of its operation. The University has pledged not to discriminate on the basis of race, color, sex, age, religion, national origin, sexual orientation, marital status, or disability. This policy extends to all educational, service, and employment programs of the University. For more information or to review Temple University's Affirmative Action Plan, contact the Office of Affirmative Action, 109 University Services Building, (215) 204-7303.

Please make sure your application includes all of the following before submitting:

- |   |   |
|---|---|
| <input type="checkbox"/> Applicant Information  | <input type="checkbox"/> Teacher Reference                |
| <input type="checkbox"/> Parent Information   | <input type="checkbox"/> Latest Report Card (Recommended) |
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How did you hear about the MESA Solar System Mission Possible Summer Academy? (Optional)

- |  |   |
|--|---|
| <input type="checkbox"/> Parent/Guardian               | <input type="checkbox"/> Internet search        |
| <input type="checkbox"/> Teacher/Guidance counselor    | <input type="checkbox"/> Received flyer in mail |
| <input type="checkbox"/> Friend                        | <input type="checkbox"/> Email                  |
| <input type="checkbox"/> Posted flyer                  | <input type="checkbox"/> News or Social Media   |
| <input type="checkbox"/> Community Organization/Church | <input type="checkbox"/> Other                  |