

Student Application

Deadline: Monday, March 20, 2017

The GOALS for Girls Summer Intensive is a free academic science program for **current eighth and ninth grade girls from New York City schools**. Located at the Intrepid Sea, Air & Space Museum, the Summer Intensive is generously supported by the Motorola Solutions Foundation, the Velaj Foundation, Con Edison and Google. The GOALS for Girls Summer Intensive runs from **July 10 to August 18, 2017**, with additional free programs at the Intrepid Museum during the school year.

PART A: Student and Household Information

To be completed by student

Name (Last) (First) (MI)

Home Address Apartment

City State ZIP Code

Age Current Grade Level Complete Name of Current School

Parent/Guardian Name (Last) (First)

Home Phone Parent/Guardian Work Phone

Parent/Guardian Cell Phone

Parent/Guardian Email Address

Student Email Address Student Cell Phone (optional)

By completing the following information, you are providing more insight into the audience we serve through the GOALS for Girls program. All responses are kept confidential.

Student ethnicity (check one):

- American Indian/Alaskan Native
- Asian/Asian American/Pacific Islander
- Black/African American
- Hispanic/Latina
- White/Caucasian
- I prefer not to say
- Other _____

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The Velaj Foundation



EVERYTHING MATTERS



Student Birth Country*

*If other than United States, at what age did you arrive?

Primary Language Spoken at Home

Other Language(s) Spoken at Home

What is the highest level of education completed by the applicant's mother (select one):

- | | |
|---|---|
| <input type="checkbox"/> Some high school, no diploma | <input type="checkbox"/> Master's degree |
| <input type="checkbox"/> High school or equivalent | <input type="checkbox"/> Doctoral degree (PhD, EdD) |
| <input type="checkbox"/> Some college, no degree | <input type="checkbox"/> Professional degree (MD, JD, etc.) |
| <input type="checkbox"/> Vocational/technical school (two-year) | <input type="checkbox"/> I don't know |
| <input type="checkbox"/> College degree | <input type="checkbox"/> I prefer not to say |

What is the highest level of education completed by the applicant's father (Select one):

- | | |
|---|---|
| <input type="checkbox"/> Some high school, no diploma | <input type="checkbox"/> Master's degree |
| <input type="checkbox"/> High school or equivalent | <input type="checkbox"/> Doctoral degree (PhD, EdD) |
| <input type="checkbox"/> Some college, no degree | <input type="checkbox"/> Professional degree (MD, JD, etc.) |
| <input type="checkbox"/> Vocational/technical school (two-year) | <input type="checkbox"/> I don't know |
| <input type="checkbox"/> College degree | <input type="checkbox"/> I prefer not to say |

Do you have siblings?*

- No Yes

*If yes, are they currently in college?

- No Yes

PART B

To be completed by student: Please answer how you REALLY feel!

- Who motivates your interest in math and science? Check one box for each of the people in your life, and explain why you chose that box.

People	1 (Doesn't motivate you at all)	2 (Somewhat motivates you)	3 (Motivates you strongly)	Explanation
<i>Me</i>				
<i>Teachers</i>				
<i>Friends</i>				
<i>Parents/Guardians</i>				
<i>Siblings</i>				

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2. Complete **one** of the following statements and **explain why**:

a.) In science I have ...

not developed enough skills
and have a lot more to learn

developed some skills
and know a little

a lot of knowledge and
experience

because _____

b.) In math, I have ...

not developed enough skills
and have a lot more to learn

developed some skills
and know a little

a lot of knowledge and
experience

because _____

3. Complete the following sentences:

When I do science, I feel _____

When I do math, I feel _____

A girl has a right to _____

A girl should always _____

4. Describe one way science has affected your life.

5. Do you know a scientist? No Yes
If yes, what is his/her career? _____

6. Describe what comes to mind when you think of a scientist.

7. Do you plan to go to college? No Yes I don't know
Please explain your answer.

8. Are you interested in having a career focused on the following subjects? Check all that apply.
- | | | | |
|--------------------|-----------------------------|------------------------------|--|
| Chemistry | <input type="checkbox"/> No | <input type="checkbox"/> Yes | <input type="checkbox"/> I don't know enough about this subject. |
| Living Environment | <input type="checkbox"/> No | <input type="checkbox"/> Yes | <input type="checkbox"/> I don't know enough about this subject. |
| Physics | <input type="checkbox"/> No | <input type="checkbox"/> Yes | <input type="checkbox"/> I don't know enough about this subject. |
| Earth Science | <input type="checkbox"/> No | <input type="checkbox"/> Yes | <input type="checkbox"/> I don't know enough about this subject. |
| Mathematics | <input type="checkbox"/> No | <input type="checkbox"/> Yes | <input type="checkbox"/> I don't know enough about this subject. |
| Algebra | <input type="checkbox"/> No | <input type="checkbox"/> Yes | <input type="checkbox"/> I don't know enough about this subject. |
| Trigonometry | <input type="checkbox"/> No | <input type="checkbox"/> Yes | <input type="checkbox"/> I don't know enough about this subject. |
9. Imagine you are 30 years old. What is your current profession, and why have you chosen that career?
-
-

10. Thinking about the “career” you indicated above, choose and complete **one** statement below:
- I think my career is related to science, technology, engineering or math because _____
-
-
- I'm not sure if my career is related to science, technology, engineering or math, but it is related to _____ because _____
-
-

11. Are you involved in any teams, clubs, organizations or after-school programs? No Yes
- If yes, please list: _____
-
-

12. Have you held any leadership positions (school, house of worship, community)? No Yes
- If so, please list: _____
-
-

13. What are your special talents? Are you an athlete? Musician? Performer? Artist? Writer? Something else? Please list:
-
-

PART C: Transcripts

To reflect academic performance and attendance, applicants must include official copies of report cards.

- Current eighth grade applicants must provide a copy of their completed seventh grade report card AND first semester eighth grade report card.
- Current ninth grade applicants must provide a copy of their completed eighth grade report card AND first semester ninth grade report card.

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PART D: Essay

Essay to be completed by student and submitted with student application

Applicants must submit a typed 500–1,000 word essay about **one** of the topics below. (Please format the essay in Times New Roman font, font size 12, and double-space it.)

1. Name one controversial issue in the scientific or technological world. Explain why it is disputed and how you, as a future scientist or engineer, would solve this dilemma. Provide at least two examples of ways you would solve it.
2. You, the head curator of the Intrepid Sea, Air & Space Museum and are creating a new exhibition about one of the following topics: a) Drones, b.) Desalinization, c.) Space travel or d.) your own topic. Pick ONE of the exhibition topics noted above to plan an informative, imaginative and exciting exhibition for Museum visitors. Explain 3-4 themes of what you would like to cover within the topic you choose. Explain what the exhibition will look like, including a description of the kinds of images, artifacts, texts/information signs, and interactive elements (something to touch and/or manipulate) you would want in the exhibition.
3. Explain how the quote below relates to your life and encourages inspiration and support for girls interested in pursuing a career in STEM. Give three examples of how you can or will use all of your talents, creativity and curiosity to pursue your interests in STEM.

“I want to make sure we use all our talent, not just 25 percent. Don’t let anyone rob you of your imagination, your creativity, or your curiosity. It’s your place in the world; it’s your life. Go on and do all you can with it, and make it the life you want to live.”

-Mae Jemison, First African American woman in Space

Part E: Student Confirmation

To be completed by student

- By checking this box, I confirm and agree that all the responses on the application and essay were prepared by me, the student. To the best of my knowledge, all the information is true.

Part F: Parent Confirmation

To be completed by a parent or legal guardian

The GOALS for Girls Summer Intensive runs weekdays from July 10 to August 18, 2017, at the Intrepid Sea, Air & Space Museum, with a scheduled overnight at the Museum on August 18, 2017. The daily hours of the Summer Intensive are from 9:00am to 3:00pm, Monday through Friday. Attendance is mandatory for every accepted student.

I, _____ (first and last name), the parent/legal guardian, hereby

support the application of _____ (first and last name of the applicant) and feel that she would be a qualified and successful participant in the Intrepid Museum’s GOALS for Girls Summer Intensive. I am fully aware of the six-week commitment required of the applicant.

Parent/Guardian Name (printed)

Parent/Guardian Name (signature)

Date

Part G: Teacher Recommendation Acknowledgement

To be completed by student

The recommendation from a math and/or science teacher is a separate submission.

- By checking this box, I understand that the recommending teacher(s) has the option to complete a paper or online on-time submission on or before March 20, 2017.

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