

# MAC Launch Expedition XX

## The Application

The purposes of this application: First, to ensure that the selection process to attend Space Camp, Space Academy, or Advanced Academy is done fairly. Second, to give each applicant the opportunity to express his/her reasons for wanting to attend Space Camp, Space Academy, or Advanced Academy.

**This application and the 2 Teacher Recommendations are due Friday November 11, 2016**

The student will need to complete **all five** of the following steps to apply:

1. Ask **two** teachers to complete the student evaluation forms (pages 6 and 7).
2. Completely fill in page 3 with your information.
3. Complete a presentation entitled: "Why I Want to Go to Space Camp." (page 4)  
You can write it, record your voice on tape or CD, use a computer presentation on or make a presentation using any medium of your choice. Please label any disc as to the format used.
4. Write an essay on **one** of these subjects:
  - a. It has been suggested that we should return to the moon. Explain why you think we should or should not return.
  - b. Why and how would you convince the government to continue funding the space program?
  - c. Describe a typical day living or working on a lunar outpost.
  - d. If you could talk to an astronaut, past or present, whom would you talk to and why?
  - e. If man had never gone into space, what would the Earth be like today?
5. Have your parent sign the parent agreement (page 5).

**Send the application to:**

**Reach for the Stars - Attention: Peter Dansky  
P.O. Box 6878, Minneapolis, MN 55406**

**If the presentation (see part 4 above) is an item that cannot be mailed, contact the RFTS Teacher at your school (or call 612.306.6114 if your school has no RFTS Teacher):**

**Hall & Marcy: Gretchen Mattson - Seward: Peggy Solensten – Lucy Laney: Scott Teigland**

**All materials must be received by Friday, November 21, 2016.** The Teacher Recommendations must be sent **by the teacher** under separate cover. Each applicant will receive a letter by **Tuesday, November 22, 2016** informing him or her whether or not they have been accepted.

**Our first meeting will be from 6:00 pm to 8:00 pm Tuesday, November 29, 2016! All accepted personnel and families will need to attend!**

### How the applications will be evaluated:

Since we expect that there will be more applicants than we can take, an independent committee appointed by the board of directors of Reach for the Stars has final decision making authority to decide who is accepted.

1. Teacher recommendations are important. Special consideration is given to recommendations from teachers who have been trained and certified in the NASA curriculum, U.S. Space and Rocket Center education training or NCTM/NASA Mission Mathematics curriculum. These teachers have special knowledge or have attended Space Camp with groups of students before. They know which characteristics a student might have to make it more likely that the experience at the camp will be fulfilling for all concerned.

2. The **TWO** student essays/presentation will be a determining factor.

- The most important essay or presentation is “Why I want to go to Space Camp, (Space Academy, or Advanced Academy).”
- The second essay is chosen from NASA recommended topics. We’re interested in what you think about these topics, and why. No scientific aptitude or knowledge is necessary to attend the programs.

### Paying for MAC Launch Expedition XX

Those who are accepted will be required to pay \$100 to cover the deposit on airfare and Space Camp.

The total cost of the trip is estimated at \$1,600 per student. Each family will be asked to pledge the minimum amount that they can afford to pay towards this cost. We will then add up the pledges and determine if there is any shortfall of funds. (There will be!)

The entire group (families, students, teachers and Reach For The Stars Inc.) will raise enough money to cover any shortfall. There will be a number of fundraising activities that everyone must participate in. These are team building activities. In past years, there have been Movie Nights, pizza coupon sales, candy sales and a car wash/bake sale/rummage sale. Every student accepted to MAC Launch XX will go to Space Camp regardless of his or her ability to pay.

**Note: If we fail to raise the total amount, the trip will not take place. We all go or no one goes! Everyone will need to participate in fund raising!**

### Student Participation

MAC Launch is an educational expedition that is as fun as we can make it. Just the same, an interest in science and math are the desired outcome.

In order to prepare for the week at the U.S. Space and Rocket Center, Reach for the Stars will conduct workshops one Saturday afternoon each month and run from 1:00 until 4:00 pm. **These training sessions will start Saturday, December 03, 2016.**

We build things at the workshops, including: hot air balloons, airplanes and model rockets. We will also conduct briefings on the history and physics of flight and space travel. All building materials will be provided.

All students accepted to the MAC Launch program will be expected to attend these gatherings.

We invite and encourage families to participate in the weekend workshops. We expect that at least one parent or guardian be present as each session will start with a business meeting.

The current calendar of events can always be accessed on our web site: **[www.reachuplink.org](http://www.reachuplink.org)**

# MAC Launch Expedition XX

## Application Form

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

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

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

Phone number: \_\_\_\_\_ Date of Birth: \_\_\_\_\_

School: \_\_\_\_\_ Grade: \_\_\_\_\_

The two Teacher Recommendations have been requested from:

\_\_\_\_\_ & \_\_\_\_\_

### Participants

Tell us about yourself and about events in your life that have had an impact on your school activities:

Do you like working and studying as part of a team? Provide an example of something you have done at school as part of a team:

List any school and/or community activities in which you have participated during the last year (for example, student groups, music, sports, community or school volunteer activities):

## **Reach For the Stars**

### **MAC Launch Expedition XX**

Why do you want to attend U.S. Space Camp, Space Academy, or Advanced Academy?

(You may write a one-page essay on this page or use some other way of answering, such as a tape recording, display presentation, computer program or another medium of your choosing).

**If you choose an alternative to writing, provide a brief description of your presentation on this page. If you are submitting a presentation on CD, memory card, memory stick etc., identify the operating system and program needed to view your presentation.**

**Applicant Parent Agreement**

We are pleased that your child has expressed interest in our MAC Launch program. MAC Launch is our most engaging experience. 5 monthly weekend balloon, airplane and rocket building sessions culminate in a six-day program at the U. S. Space and Rocket Center (Space Camp) in Huntsville, Alabama. This year's trip is scheduled for April 30 to May 5, 2017.

As many as fifty students will participate in MAC Launch this year. The program costs about \$1,600 per student. This expense includes materials for the after-school program, airfare, tuition for Space Camp and the expenses of the teacher/chaperones. Students will miss five days of school. The academic value of the after-school component enables us to maintain acceptance of the program by school administrators.

We raise funds for MAC Launch as a group. Families will be asked to contribute what they can afford. Then the entire group works together to raise the rest. We all go or nobody goes.

The purpose of this letter is to inform you of the commitment needed to meet program cost requirements, and to convey our expectations regarding your participation in the MAC Launch Program.

**If you or your student are not comfortable making this commitment, please think it over before submitting an application for MAC Launch Expedition XX.**

**Call Peter Dansky (612) 306 6114 or email [peter@reachuplink.org](mailto:peter@reachuplink.org) with any questions.**

**We are asking for the following commitments as part of your child's application to the MAC Launch Program:**

- \* Minimum deposit of \$100 (there are options for students to earn this through yard work etc).
- \* A pledge of what you believe you can pay toward the remaining cost.
- \* A commitment to participate in the scheduled fundraisers.
- \* Attendance at the monthly parent/student meetings.

Should your child be accepted to MAC Launch, there will be a **MANDATORY** meeting on Tuesday, November 29, 2016 from 6:00 pm to 8:00 pm. The location will be the Matthews Park Community Center, 2318 29th Ave. S Minneapolis, MN 55406. At that meeting, RFTS will require the \$100 minimum deposit and your pledge. The pledge amount is confidential, only you and the Treasurer of Reach for the Stars will know the amount. We hope to see you then.

Please sign this form to confirm that applicant and parent understands this requirement.

Student Name \_\_\_\_\_

Parent(s) Name (Please print) \_\_\_\_\_

Parent(s) Signature \_\_\_\_\_

Parent(s) Email Address \_\_\_\_\_

## MAC Launch Expedition XX APPLICATION

### Teacher Recommendation

Must be received by Reach for the Stars by **Friday, 11 November, 2016**

To be completed by a teacher who has worked with student.

STUDENT'S NAME: \_\_\_\_\_

Please answer the following questions concerning this student's application for the Mac Launch Expedition XX Program of Reach for the Stars. The goal of this enrichment program is to provide students with a challenging, real, and extended space science experience offered through NASA Space Camp and Space Academy in Huntsville, Alabama. Students will be working closely with a core group of students from throughout the U.S. during the week of April 30 – May 5, 2017. Your input will help Reach for the Stars staff determine the appropriateness of this student for the Mac Launch Program. When you are finished completing this information please send it to:

**Reach for the Stars.**

**Attn.: Peter Dansky**

**PO Box 6878, Minneapolis, MN 55406.**

If you have questions concerning this application please call Peter at (612) 306 6114.

1. Describe your relationship with this student and how long you have known her/him.

2. Please circle how you would rate this student on the following (circle one).

1=Unsuitable 2=Poor 3=OK 4=Good 5=Excellent

a. Ability to work with peers on a group project:           1       2       3       4       5

b. Hard work & persistence at working through a problem: 1       2       3       4       5

c. Maturity working in a variety of settings with a variety of people (being respectful, listening, being a good representative of the school and project):           1       2       3       4       5

d. Leadership ability and potential:                           1       2       3       4       5

e. Potential to benefit (personally or academically) from this program.

1       2       3       4       5

3. Other information you would like to share with the Reach for the Stars staff:

4. My overall recommendation of this student for the Mac Launch program is:(CHECK ONE)

Cannot recommend.

Recommend with reservations. Please specify your concerns.

Recommend as a good candidate for this program.

Highly Recommend as an excellent candidate for this program.

Recommender's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Please print or type your name: \_\_\_\_\_

May we contact you if we have further questions?  Yes  No Phone: \_\_\_\_\_

Thank you for completing this evaluation!

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Recommend as a good candidate for this program.

Highly Recommend as an excellent candidate for this program.

Recommender's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Please print or type your name: \_\_\_\_\_

May we contact you if we have further questions?  Yes  No - Phone: \_\_\_\_\_

Thank you for completing this evaluation!