

### SMASH Student Information

Student Name: \_\_\_\_\_ Date: \_\_\_\_\_

Address: \_\_\_\_\_ Apt#: \_\_\_\_\_

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

Date of Birth: \_\_\_\_\_ Age: \_\_\_\_\_ Sex: \_\_\_\_\_

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

Email: \_\_\_\_\_ Ethnicity: \_\_\_\_\_

Student # (if Applicable): \_\_\_\_\_ GPA: \_\_\_\_\_

Name of High School: \_\_\_\_\_

Address of High School: \_\_\_\_\_

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

How did you hear about SMASH? \_\_\_\_\_

Name of High School Counselor: \_\_\_\_\_

Anticipated date of graduation \_\_\_\_\_

*Please check all that apply:*

\_\_\_\_\_ I qualify for free/reduced lunch at school.

\_\_\_\_\_ I could be the first in my family to go to college in the United States.

\_\_\_\_\_ I am a Permanent California Resident

\_\_\_\_\_ I am a U.S. Citizen (*you do not have to be a citizen to participate in SMASH*)

#### Decision

- Accept  
 Waitlist  
 Denied

**Parent/Guardian Information**

With whom do you live?     Mother     Father     Both     Other \_\_\_\_\_

**Father's/Guardian's Full Name:** \_\_\_\_\_

Father's/Guardian's occupation (type of work, position/title and employer):  
\_\_\_\_\_

Home Phone: \_\_\_\_\_    Work Phone: \_\_\_\_\_

Cell Phone: \_\_\_\_\_    Email: \_\_\_\_\_

Mother's/Guardian's Full Name: \_\_\_\_\_

Mother's/Guardian's Occupation (type of work, position/title and employer):  
\_\_\_\_\_

Home Phone: \_\_\_\_\_    Work Phone: \_\_\_\_\_

Cell Phone: \_\_\_\_\_    Email: \_\_\_\_\_

Number of people who live in your household (including you) \_\_\_\_\_

Parents'/Guardians' Highest Level of Education (check one box for each):

- Father/Guardian:**  No High School     Some High School  
 High School Graduate     Some College  
 2-Year College Graduate     4-Year College Graduate  
 Post-Graduate Studies

- Mother/Guardian:**  No High School     Some High School  
 High School Graduate     Some College  
 2-Year College Graduate     4-Year College Graduate  
 Post-Graduate Studies

Parents'/Guardians' Income Level:

- Father/Guardian:**  \$0.00 - \$25,000     \$25,001 - \$50,000     \$ 50,001 - \$75,000  
 \$75,001 - \$100,000     Over \$100,000

- Mother/Guardian:**  \$0.00 - \$25,000     \$25,001 - \$50,000     \$ 50,001 - \$75,000  
 \$75,001 - \$100,000     Over \$100,000

**Emergency Contact**

**Emergency Contact Name #1:** \_\_\_\_\_

Relationship: \_\_\_\_\_

Address: \_\_\_\_\_ Apt#: \_\_\_\_\_

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

Home Phone: \_\_\_\_\_ Work Phone: \_\_\_\_\_

Cell: \_\_\_\_\_ Email: \_\_\_\_\_

**Emergency Contact Name #2:** \_\_\_\_\_

Relationship: \_\_\_\_\_

Address: \_\_\_\_\_ Apt#: \_\_\_\_\_

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

Home Phone: \_\_\_\_\_ Work Phone: \_\_\_\_\_

Cell: \_\_\_\_\_ Email: \_\_\_\_\_

## Student Profile

To help us better pair you with a roommate we need some personal information about you that we can share with your potential roommate (please write in complete sentences and feel free to add an additional page if necessary).

1. What are some of your hobbies and interest?

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2. What are some things that you do not like to do?

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3. Do you think your roommate should spend more time studying with you, doing fun things with you, or both (please explain)?

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4. Please write anything else you would like your potential roommate to know about you (remember, the more information you provide us with the better we are able to pair you with a roommate).

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## Student Work Ethic Inventory

**Please select the response that is most accurate for you (select only one response for each statement)**

1. *Please select the following statement that is most accurate for you about **Math**.*

- Math is a subject that I enjoy. I usually earn an “A” or “B” in my math classes.
- Math is not one of my favorite subjects; however, I usually earn an “A” or a “B” in my math classes.
- Math is a subject that I like a lot, but it seems that I can never earn a grade higher than a “C” in my math classes.
- I can't get enough of math! I always earn “A's” and “B's” in the subject. Many times I like to do extra questions or problem sets to improve my understanding of math concepts and formulas.

Pretend that you are speaking to the SMASH Math instructor. She wants to know what approach she can take to best support you as a student. What would you say to her?

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2. *Please select the following statement that is most accurate for you about **Science**.*

- Science is a subject that I enjoy. I usually earn an “A” or “B” in my science classes.
- Science is not one of my favorite subjects; however, I usually earn an “A” or a “B” in my science classes.
- Science is a subject that I like a lot, but it seems that I can never earn a grade higher than a “C” in my science classes.
- I can't get enough of science! I always earn “A's” and “B's” in the subject. Many times I like to do extra reading, question, or problem sets to improve my understanding of science concepts and formulas.

Pretend that you are speaking to the SMASH Science instructor. She wants to know what approach she can take to best support you as a student. What would you say to her?

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3. Please select the following statement that is most accurate for you about **English**.

- English is a subject that I enjoy. I usually earn an “A” or “B” in my English classes.
- English is not one of my favorite subjects; however, I usually earn an “A” or a “B” in my English classes.
- English is a subject that I like a lot, but it seems that I can never earn a grade higher than a “C” in my English classes.
- I can't get enough of English! I always earn “A's” and “B's” in the subject. Many times I like to do extra reading or assignments to improve my writing, grammar, or reading skills.

Pretend that you are speaking to the SMASH English instructor. He wants to know what approach he can take to best support you as a student. What would you say to him?

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4. Please select the following statement that is most accurate for you about classwork/homework.

- When I have a question about my classwork/homework, I usually ask questions during class.
- When I have a question about my classwork/homework, I usually ask my teacher for help before or after class.
- When I have a question about my classwork/homework, I usually get help from a classmate.
- When I have a question about my classwork/homework, I usually try to work it out for myself and do not ask anyone for help.

Overall, would you say that this strategy works well for you academically? Why, or why not?

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5. *Please select the following statement that is most accurate for you about studying for exams.*

- I usually study alone, most likely the day before the exam.
- I usually study alone, most likely the day of the exam.
- I usually study with a classmate once before the exam.
- I usually study with a classmate several times (more than one study session) before the exam.
- I usually study with a study group once before the exam.
- I usually study with a study group several times (more than one study session) before the exam.

Overall, would you say that this strategy works well for you academically? Why, or why not?

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6. *Your teacher has just assigned a project that is due in the next two weeks. Given the time that you have would you:*

- Begin working on the assignment immediately and most likely complete it during the first week that it is due?
- Begin working on the assignment during the first week; review an initial draft of the project with your teacher; and make revisions to the project prior to submission?
- Begin working on, and complete the assignment during the second week that it is due?
- Begin working on, and complete the assignment a couple of days before the assignment is due?

Overall, would you say that this strategy works well for you academically? Why, or why not?

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## Student Personal Statement

You are to write a **personal essay** that you will **type** and attach to the back of this application. The essay must be a five-paragraph essay written in the following format: 12 point font, Times New Roman, double space between sentences. *Response should not exceed three pages.*

### **Essay #1**

- Paragraph One: Introduce yourself, include your age, gender, grade, etc.
- Paragraph Two: Explain why you want to participate in the SMASH Program.
- Paragraph Three: What has motivated you to pursue the study of math or science? What has been the most interesting thing you have learned in those subjects? Include any participation in math or science activities.
- Paragraph Four: Explain how you think an education in math, science, or technology could help you improve/contribute to your community.
- Paragraph Five: How are you prepared to learn from and contribute to the SMASH academic experience?

### **Essay #2**

Please provide us with more information about yourself by answering the following questions: Your response must be typed and in essay format.

What are your long-term career interests? Please be specific. How do you see yourself getting there? If you are unsure about your future career, how will you eventually make a choice?

Tell us about an idea or experience that you find intellectually engaging.

Tell us about a time that you have been strongly motivated to get something done. What happened? What steps did you take that demonstrated your motivation? Why did you think you were so motivated?

Please **choose one** of the following questions and answer in a brief, thoughtful paragraph.

- If you could change one thing in your immediate community (school, neighborhood, home) through your work, what would you change? How and why would you change it?
- What past experience has helped to shape the person you are today?

## Parent/Guardian Application

All SMASH scholars are required to have a parent or adult representative (a sibling, relative, teacher, neighbor, etc.) work in partnership with the SMASH staff for the duration of your child's stay in the program. This means that if SMASH is having monthly meetings, an adult representative must be willing to attend the monthly Saturday sessions, which usually occur the second Saturday of the month, from 10:00am – 12:30pm at our San Francisco location.

***Directions: On a separate sheet of paper, please respond to the following questions.***

1. What expectations do you have of your child as a member of the SMASH Academy?
2. What expectations do you have of the SMASH Academy?
3. What expectations should we have of you as a member of the SMASH Academy?
4. Are you or another caring adult willing to attend the required monthly meetings for the next three years? What might prevent you from attending and what will you do to still meet this requirement?
5. In what way/s are you willing to support your child's educational goals?
6. Please tell us about your child's personality (for example: determination, self-reliance, responsiveness, control of emotions, sense of humor, popularity, ability to adapt, interest in others, shyness, etc.).
7. Are there any special concerns related to your child's medical history that we should know about (allergies, asthma, epilepsy, depression, etc.)?

## Teacher Recommendation

Dear Recommender:

This student is applying for admission to the Summer Math & Science Honors Academy (SMASH), **which assists high-achieving high school students of color from underrepresented populations to become competitive and successful in science, technology, math, and engineering studies at competitive colleges and universities.** The student participants are recruited from Bay Area public high schools and selected through a competitive application, and interview process.

SMASH is a three-year academic enrichment program, held each summer for six weeks on the U.C. Berkeley campus, where students attend science, math, technology, English, Public Speaking, and College Admissions classes. SMASH participants also conduct lab experiments, meet math and science professionals, take educational and recreational field trips, and build community in a university environment. Students and families also meet two Saturdays each month during the academic year.

The ultimate goal of SMASH is to increase the number of underrepresented students of color from underserved communities who pursue studies and excel in math, technology, engineering, or science at the collegiate and graduate level.

We would like to ask your help in selecting candidates for SMASH. Please give a candid and honest assessment of this student. The best candidates for a spot in the SMASH Academy will:

- articulate (strong) interest in science or math-related studies, activities, or possible careers/demonstrate an in-depth interest in a particular facet of math or science.
- be capable of performing extremely well in a rigorous academic program
- want to attend a selective college and work to prepare for a competitive college admissions process
- be willing to live on campus, away from family, for six weeks in a community of other students, and be mature/stable enough to handle such a responsibility.
- commit to participating in three summer academies and in the bi-monthly academic year program.
- demonstrate a sense of social responsibility through involvement in school/community service activities or an awareness of community issues.

Please address the questions on the recommendation form; responses must be typed. All of your remarks will be held in strict confidence. Please return the recommendation to the applicant in a sealed envelope with your signature on the seal well before the application post mark deadline of **February 10, 2009**. Applications accepted starting **December 15 through February 10, 2009**.

More information about the program is available at [www.lpfi.org/SMASH](http://www.lpfi.org/SMASH). If you have any questions, please contact me at 415-946-3073 or [jarvis@lpfi.org](mailto:jarvis@lpfi.org). Thank you very much for helping us select from the many bright, talented, and deserving students in the Bay Area!

Sincerely,

Dr. Jarvis Sulcer  
Director of Education Programs

## Teacher Recommendation Form

**Directions:** Please respond to each question (short answer format) on separate piece of paper. All responses must be **typed** using a question and answer format. Attach your response to this cover sheet and return to the applicant in a sealed and signed envelope. *Please note that any response that does not **specifically** answer the recommendation questions may jeopardize the candidate's consideration for enrollment into our program.* Thank you for your thoughtful feedback.

Student's Name: \_\_\_\_\_ Teacher's Name: \_\_\_\_\_

School: \_\_\_\_\_ Class (subject): \_\_\_\_\_

Contact phone number or e-mail address: \_\_\_\_\_

### Recommendation Questions

1. How are you familiar with the applicant? What are your current impressions of this student?
2. How would you characterize this student's enthusiasm and interest in math or science? How does this student compare to your top math or science student?
3. When this student faces frustration in your class, what is he or she most prone to do? How does the student handle frustration?
4. Please describe a class or academic situation in which the student demonstrated exceptional intellectual curiosity, creativity, and/or leadership.
5. How do you think the student would benefit from participating in SMASH?
6. Does this student have the maturity, focus, and interest to attend a three hour math class from 9am to 12pm, a three hour science class from 2pm to 5pm, and then do two-four hours of homework a night? What evidence supports this?
7. Do you think this student has the academic preparation and study habits to succeed at UC Berkeley, Stanford, or another highly selective college or university? Why? Where would they need support over the next three years?
8. Does the student have any academic challenges (i.e. learning disability, test anxiety, etc.) which we should be aware of or take into consideration?
9. Does the student have any social challenges (i.e. difficulties experienced in the home or in their peer relationships) which we should be aware of or take into consideration?
10. Are there any additional comments that you would like to make about the student?