

Kennedy Educational Experiences Program (KEEP)

Program Description

The KEEP is a job shadowing program intended to provide students with career exploration under the mentorship of a Kennedy Space Center (KSC) NASA or contractor employee. Participation in the program is limited to students who are U.S. citizens, 16 years or older, who have been recommended by a teacher, guidance counselor, or other school official. Students may shadow for 1 day or up to 1 week.

Program Goal

Shadowing provides students with an opportunity to explore career possibilities available at KSC under the guidance of a KSC mentor. Students are provided with information about various careers, career paths, and KSC educational resources and programs.

Students will depart from KSC with knowledge that will be of value to them in career decision making and an awareness of additional educational opportunities and resources at KSC.

As NASA moves forward to fulfill The Vision for Space Exploration, KSC is focusing on efforts related to Exploration Systems. You are encouraged to visit the KSC home page to learn more about our launch and landing activities and educational programs at <http://www.nasa.gov/centers/kennedy/about/index.html>

Eligibility Requirements

Must be a U.S. citizen

Must be at least 16 years of age

If under 18 years of age, must be area residents of the commuting area (50-mile radius) of the NASA Kennedy Space Center.

Must have transportation to/from work area

Students must be recommended for a job shadowing opportunity by a teacher, guidance counselor, or other school official. Students must agree to complete the shadowing experience between the hours of 7:30 a.m. and 4:30 p.m. Students typically shadow for 1 day and not more than 1 week.

Two letters of recommendation (see attached forms) from teachers are required.

Students are required to adhere to all safety, security and program guidelines. Prior to departure from NASA, all students must complete a Student Evaluation Form. Completion of this form is a program requirement as feedback and is key to the success of our programs. This is also a preliminary requirement for eligibility to participate in additional NASA programs.

How to Apply

Students must be recommended for a job shadowing opportunity by a teacher, guidance counselor, or other school official. Student requests will be accepted on a first-come, first-served basis. Application packages must be complete for consideration. **Students must complete and return application and forms. Please provide one copy of the birth certificate and one copy of the completed application. Incomplete applications will not be processed.**

Shadowing placements are dependent upon the availability of appropriate mentors and facilities. The Education Programs Office cannot guarantee a shadowing opportunity and will not sign any forms that state one is guaranteed. Each session has limited placement and shadowing days.

Placements **cannot** be made without the signature of a parent or guardian (*if applicable*) and recommending school official.

Additional information can be obtained by contacting the following:

Helen Kane
Education Specialist
NASA-KSC Education Programs
& University Research Division
Phone: 321-867-4444
Fax: 321-867-8007
or
E-mail: Helen.P.Kane@nasa.gov

Schedule

Session I

November 15 to December 15

Application Deadline

September 30

Selection Notification Date

October 30

Session II

March 1 to April 1

January 15

February 15

Kennedy Educational Experience Program (KEEP)

2007 KEEP Application

(To be completed by Applicant. Please TYPE or PRINT)

A. PERSONAL AND BACKGROUND INFORMATION

	Last Name	First Name	MI
U.S. Citizen <input type="checkbox"/> Yes <input type="checkbox"/> No Note: If U.S. citizen and born outside of the U.S. or Puerto Rico, you must provide the information requested below and provide documentation prior to your shadowing start date. Naturalization no. _____ Expiration Date (if any) _____			
MAILING ADDRESS			
Street	City	State	Zip
Email Address	Telephone		
SCHOOL INFORMATION			
Name			
Street	City	State	Zip
Name of Guidance/Career Counselor/Teacher	Telephone		
Email Address:			

B. ACADEMIC INFORMATION

Current Academic Level	
<input type="checkbox"/> Freshman	<input type="checkbox"/> Sophomore <input type="checkbox"/> Junior <input type="checkbox"/> Senior
Cumulative GPA out of 4.0	Expected Graduation Date

C. PLACEMENT INFORMATION

Please check the field of study in which you would like to shadow. If choosing more than one discipline, indicate order of preference by numbering 1 through 3, with 1 being your first choice. Final student placement is determined by the mentor's assignment request.

- | | |
|---------------------------------------|-------------------------------|
| ___ Aerospace/Aeronautics Engineering | ___ Materials Engineering |
| ___ Biological Science | ___ Mathematics |
| ___ Biomedical | ___ Metallurgy |
| ___ Chemical Engineering | ___ Mechanical Engineering |
| ___ Chemistry | ___ Physical Science |
| ___ Computer Engineering/Science | ___ Physics |
| ___ Electrical Engineering | ___ Propulsion Engineering |
| ___ Environmental Engineering/Science | ___ Structural Engineering |
| ___ Industrial Engineering | ___ Systems Engineering |
| | ___ Other (be specific) _____ |

Have you previously participated in a NASA program? Yes No (If no, skip to next section) If yes, please write the name of the program you participated in, the Center/School affiliated with the program and year of participation.

Program Name _____

Center/School Name _____

Year(s) Participated _____

D. PARENTAL CONSENT AND AUTHORIZATION: *(Applicant and parent or guardian (when applicable) must sign below to be eligible. Unsigned applications will not be considered).*

As a part of the application process, I certify that:

- I grant permission for two teachers selected by my son/daughter to complete the Teacher Recommendation Forms.

If selected for the above-mentioned program, I certify by my signature below, that:

- I give permission for my son/daughter to participate in the KEEP Program and all program related activities;
- I also authorize NASA to use any photographs that may be taken during the program for promotion activities (i.e., Web site, newsletter, and promotional materials); and
- I authorize NASA to release my child's name and address to educational organizations so he/she can be provided information on other student opportunities, scholarships, and educational programs.

I affirm that all of the information on this application is true and complete to the best of my knowledge. I certify that I am a U.S. citizen and meet all eligibility requirements as specified in the internship requirements. I understand that application materials become the property of NASA and cannot be returned. I hereby authorize NASA to utilize information about my application and my likeness for public relations purposes, publicity, or other educational opportunities.

I understand that as a participant in the NASA-KSC Education Experience Program (KEEP), I am a volunteer. I will *not* be considered a Federal employee of NASA-Kennedy Space Center. I agree that I will *not* receive any compensation, pay, or other benefits and that my service is *not* creditable for leave or any other benefits. I understand and acknowledge that participation in the program does not entitle me to unemployment compensation.

I agree to follow all applicable Federal laws and regulations and NASA directives, instructions, policies, and procedures. I further agree to exercise due care when using Government property and to protect and preserve Government property.

Emergency Contact: _____

Relationship () ()
 Telephone No. Mobile No.

Student's Signature Date

Parent's/Guardian's Signature of Consent Date

TEACHER RECOMMENDATION - 1
- SCIENCE, MATHEMATICS, OR COMPUTER SCIENCE -

Student's Name:

Teacher's Name/Position/Discipline:

Name of School:

How long have you known the student? In what capacity?

Please rate the student in the following areas.

1. Ability to follow rules and directions <input type="checkbox"/> Always follows <input type="checkbox"/> Sometimes follows <input type="checkbox"/> Seldom follows <input type="checkbox"/> Never follows	2. Accepts responsibility <input type="checkbox"/> Always accepts responsibility <input type="checkbox"/> Usually accepts responsibility <input type="checkbox"/> Sometimes irresponsible <input type="checkbox"/> Often irresponsible	3. Leadership ability <input type="checkbox"/> Strong leadership ability <input type="checkbox"/> Sometimes exhibits leadership <input type="checkbox"/> Seldom exhibits leadership <input type="checkbox"/> Always follows others	
4. Initiative/Independence <input type="checkbox"/> Seeks extra tasks <input type="checkbox"/> Prepares assigned tasks <input type="checkbox"/> Needs occasional reminders <input type="checkbox"/> Needs constant reminding <input type="checkbox"/> Seldom shows initiative	5. Ability to work well with others <input type="checkbox"/> Always works well <input type="checkbox"/> Sometimes works well <input type="checkbox"/> Seldom works well <input type="checkbox"/> Does not work well	6. Oral communication skills <input type="checkbox"/> Very articulate <input type="checkbox"/> Articulate <input type="checkbox"/> Somewhat articulate <input type="checkbox"/> Difficulty in articulation <input type="checkbox"/> Inarticulate	
7. Written Communication <input type="checkbox"/> Excellent writing skills <input type="checkbox"/> Good writing skills <input type="checkbox"/> Average writing skills <input type="checkbox"/> Poor writing skills	8. Level of interest <input type="checkbox"/> Exhibits high interest <input type="checkbox"/> Often interested <input type="checkbox"/> Seldom interested <input type="checkbox"/> Lacks interest	9. Motivation <input type="checkbox"/> Highly self-motivated <input type="checkbox"/> Sometimes motivated <input type="checkbox"/> Seldom motivated <input type="checkbox"/> Lacks motivation	10. Maturity <input type="checkbox"/> Always exhibits maturity <input type="checkbox"/> Sometimes exhibits maturity <input type="checkbox"/> Seldom exhibits maturity <input type="checkbox"/> Immature

Identify the strengths and skills that will most promote this student's success in our Program: (check all that apply)

- | | |
|--|---|
| <input type="checkbox"/> Oral Communication | <input type="checkbox"/> Time Management |
| <input type="checkbox"/> Leadership Skills | <input type="checkbox"/> Interpersonal Skills |
| <input type="checkbox"/> Written Communication | <input type="checkbox"/> Research Technique |
| <input type="checkbox"/> Career Awareness | <input type="checkbox"/> Computer/Technology |

Overall Recommendation for the Program

- Very Highly Recommended (top 5%)
 Highly Recommended (top 10%)
 Recommended
 Recommended with reservations
 Not Recommended

Teacher Comments:

Signature: _____ Date: _____
 May we contact you for additional information? Yes Telephone No. _____
 No (_____) _____ E-mail: _____

THIS FORM SHOULD BE RETURNED AS PART OF THE STUDENT'S APPLICATION PACKAGE

Note: Two recommendations are required using the forms provided. The recommendations must be from the applicant's teacher of science, math, or computer science. Please have the teacher return the recommendation to the student in a sealed envelope with the teacher's signature written across the seal.

**TEACHER RECOMMENDATION - 2
- SCIENCE, MATHEMATICS, OR COMPUTER SCIENCE -**

Student's Name:

Teacher's Name/Position/Discipline:

Name of School:

How long have you known the student? In what capacity?

Please rate the student in the following areas.

1. Ability to follow rules and directions <input type="checkbox"/> Always follows <input type="checkbox"/> Sometimes follows <input type="checkbox"/> Seldom follows <input type="checkbox"/> Never follows	2. Accepts responsibility <input type="checkbox"/> Always accepts responsibility <input type="checkbox"/> Usually accepts responsibility <input type="checkbox"/> Sometimes irresponsible <input type="checkbox"/> Often irresponsible	3. Leadership ability <input type="checkbox"/> Strong leadership ability <input type="checkbox"/> Sometimes exhibits leadership <input type="checkbox"/> Seldom exhibits leadership <input type="checkbox"/> Always follows others	
4. Initiative/Independence <input type="checkbox"/> Seeks extra tasks <input type="checkbox"/> Prepares assigned tasks <input type="checkbox"/> Needs occasional reminders <input type="checkbox"/> Needs constant reminding <input type="checkbox"/> Seldom shows initiative	5. Ability to work well with others <input type="checkbox"/> Always works well <input type="checkbox"/> Sometimes works well <input type="checkbox"/> Seldom works well <input type="checkbox"/> Does not work well	6. Oral communication skills <input type="checkbox"/> Very articulate <input type="checkbox"/> Articulate <input type="checkbox"/> Somewhat articulate <input type="checkbox"/> Difficulty in articulation <input type="checkbox"/> Inarticulate	
7. Written Communication <input type="checkbox"/> Excellent writing skills <input type="checkbox"/> Good writing skills <input type="checkbox"/> Average writing skills <input type="checkbox"/> Poor writing skills	8. Level of interest <input type="checkbox"/> Exhibits high interest <input type="checkbox"/> Often interested <input type="checkbox"/> Seldom interested <input type="checkbox"/> Lacks interest	9. Motivation <input type="checkbox"/> Highly self-motivated <input type="checkbox"/> Sometimes motivated <input type="checkbox"/> Seldom motivated <input type="checkbox"/> Lacks motivation	10. Maturity <input type="checkbox"/> Always exhibits maturity <input type="checkbox"/> Sometimes exhibits maturity <input type="checkbox"/> Seldom exhibits maturity <input type="checkbox"/> Immature

Identify the strengths and skills that will most promote this student's success in our Program: (check all that apply)

- | | |
|--|---|
| <input type="checkbox"/> Oral Communication | <input type="checkbox"/> Time Management |
| <input type="checkbox"/> Leadership Skills | <input type="checkbox"/> Interpersonal Skills |
| <input type="checkbox"/> Written Communication | <input type="checkbox"/> Research Technique |
| <input type="checkbox"/> Career Awareness | <input type="checkbox"/> Computer/Technology |

Overall Recommendation for the Program

- Very Highly Recommended (top 5%)
 Highly Recommended (top 10%)
 Recommended
 Recommended with reservations
 Not Recommended

Teacher Comments:

Signature: _____ Date: _____
 May we contact you for additional information? Yes No Telephone No. _____ E-mail: _____
 (_____)_____

THIS FORM SHOULD BE RETURNED AS PART OF THE STUDENT'S APPLICATION PACKAGE

Note: Two recommendations are required using the forms provided. The recommendations must be from the applicant's teacher of science, math, or computer science. Please have the teacher return the recommendation to the student in a sealed envelope with the teacher's signature written across the seal.

APPLICATION PACKAGE INSTRUCTIONS

Before submitting this application, you should read it thoroughly. Special attention should be given to eligibility requirements, dates, and deadlines. Be sure that you have supplied all information and materials requested. You are encouraged to keep a copy of your completed application package, as we are unable to return any application materials submitted for the program.

All six (6) of the items listed below must be submitted together with your KEEP Application:

- Personal/Background Information (Page 3, Section A)**
- Academic Information (Page 3, Section B)**
- Placement Information (Page 4, Section C)**
- Parental Consent and Authorization Form (Page 5, Section D)**
- 2 Teacher Recommendations (Pages 6 & 7)**
- 1 Copy of Birth Certificate (do not send original)**

SPECIAL INSTRUCTIONS FOR SUBMISSION OF APPLICATIONS.

1. Applications will not be processed unless they are complete and all materials have been received.
2. An incomplete application package *will not* be considered.
3. Assignments are made based upon the information provided in the application and availability of mentors.

Questions related to the KEEP Program may be sent by e-mail (please note KEEP Program in the subject line) to: Helen.P.Kane@nasa.gov or by phone at 321.867.4444

Retain these instructions for your information and mail the completed application package, including all required documentation to:

**KEEP Project Specialist
Attn: Helen Kane
Mail Code: XA-D
Kennedy Space Center, FL 32899**