



# Idaho Science and Aerospace Scholars

In cooperation with NASA Aerospace Scholars and supported by the Idaho State Department of Education, along with Idaho business, industry, and education partners

## 2021-2022 Student Application Instructions

The State Department of Education is proud to sponsor the Idaho Science and Aerospace Scholars (ISAS) program during the 2021-2022 school year. The State Department of Education, in partnership with NASA Aerospace Scholars, coordinates this unique program related to space exploration, designed to inspire 11<sup>th</sup> grade students to pursue degrees and careers in science, technology, engineering, and mathematics (STEM). Financial support from the State Department of Education, along with Idaho business, industry, and education partners allows this program to exist at no cost to participating students.

The Idaho program engages 11th grade students in an interactive online course through the Idaho Digital Learning Alliance using NASA developed curriculum where students work with master educators in STEM topics. Upon completion of the online curriculum, Capstone Events will be held at the University of Idaho, Center for Advanced Energy Studies at Idaho State University, and with the Idaho Air National Guard at Gowen Field. All in person activities will be planned using local Board of Health recommendations and best practices to protect students, families and staff. The top performing students from the online course will be invited to participate in a seven day summer residential academy at Boise State University and a NASA Research Center in California. Students will receive one high school science elective credit for successful completion of the online curriculum or may register for (2) concurrent credits for a fee through Boise State University. In the event that in person activities are not advisable due to safety or health concerns, alternative virtual events will be available.

### General requirements for participation in the program include:

- Be a U.S. Citizen
- Be an Idaho resident
- Be a current high school junior
- Be at least 16 years of age by July 1, 2022
- Have an interest in learning more about design, communications, innovation, problem solving, space, science, technology, engineering or mathematics and having fun
- Have a minimum GPA of 2.7
- Have internet and e-mail access (home, school, or public library).
- Have a commitment to the entire program including online course, Capstone Event, professional learning community, and residential summer academy (Jan - July, 2022)

# Idaho Science and Aerospace Scholars

Application Due Date: November 1, 2021

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## Student Information (please print)

First Name:

Middle Name:

Last Name:

Preferred Name:

Full Mailing Address:

Telephone:

Email:

Birth Date:

Parent/Legal Guardian's Name:

Parent/Legal Guardian's Work/Cell Phone:

Parent/Legal Guardian's Email:

## Please bubble in each answer below

Are you a US Citizen? Yes  No

Are you a male or female student? Male  Female  Prefer not to answer

Are you a high school junior? Yes  No

Are you an Idaho resident? Yes  No

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## School Information

School Name:

School Address:

Guidance Counselor's Name:

Guidance Counselor's Email:

Upon providing your current high school counselor's name and email address, he or she will be sent an electronic request to provide the following information on official school letterhead: current GPA, class rank, and current grade level confirming eligibility in the project. Please inform your counselor that he or she will be receiving an email from the State Department of Education with instructions. **Note: It is the responsibility of the student to follow-up with the person who is providing the verification information to ensure that it is submitted electronically within 10 days after the application is received.**

Are you home schooled? Yes  No

Are you now enrolled or have you completed career & technical (CTE) coursework?

Yes  No

If you answered yes, please list the CTE courses that you have taken.

What are your higher education plans after high school graduation? Please check all that apply.

- Unsure
- Career and/or Technical School
- Community College
- Four-year College
- Graduate School

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**Recommendation Letter:** As part of the application packet, a letter of recommendation from a teacher, school administrator, or counselor who can attest to your academic qualifications will be required.

Name:

Title:

School:

Phone:

Email:

Once you have submitted your application, the system will email the person with instructions on how to submit an on-line letter of recommendation on your behalf. Please inform them that they will be receiving an email from the State Department of Education with these instructions.

**Note: It is the responsibility of the student to follow-up with the person who is providing a letter of recommendation to ensure that it is submitted electronically within 10 days after the application is received.**

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### **Idaho State Legislative District Information**

Idaho County Name:

Idaho Legislative District Number:

Idaho State Senator Name:

Idaho State Representative Name:

Idaho State Representative Name:

Please **INCLUDE** a letter to your State Senator or State Representative with your application requesting a nomination to participate in the Idaho Science and Aerospace Scholars program. It should contain information about your interest in the project and your skills as a student scholar. **DO NOT SEND.** We will forward your letter to the State Legislature on your behalf. A legislative district map is available at <https://legislature.idaho.gov/legislators/whosmylegislator/>

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### **Guidelines for Legislative Letter**

Write as simply and as clearly as possible, and do not to make the letter longer than necessary.

#### **Addresses:**

##### **Return Address**

The return address should be written in the top right-hand corner of the letter.

##### **Legislative Address**

The Legislative address should be written on the left starting below your address.

##### **Date**

The date should be written on the left on the line after the address. Write the month as a word.

#### **Salutation or greeting:**

**Dear State Representative or State Senator,**

Example: Dear State Representative John Bartholomew,

#### **Ending a letter:**

**Sincerely,**

**Your signature**

Sign your name and then type it underneath the signature.

## Content of a Formal Letter

### First Paragraph

The first paragraph should be short and state the purpose of the letter. You are writing to your State Legislator requesting his or her nomination to participate in the 2022 Idaho Science and Aerospace Scholars Program.

### Body of the Letter

The paragraph or paragraphs in the body of the letter should contain the relevant information behind the writing of the letter. Keep the information to the essentials and concentrate on organizing it in a clear and logical manner. Include the following information:

- Name of the school you attend.
- The reason(s) why you would like to participate in the program. How will you benefit?
- Detail your interest in Science, Technology, Engineering, or Mathematics through extracurricular activities or through general interests. For example, Robotics Club, Rocketry Club, Science Olympiad, etc.
- Identify community service involvement or areas of volunteerism.
- Identify and expand on two personal character traits that you would like to emphasize.
- Current academic achievements such as GPA and class rank.

### Last Paragraph

The last paragraph of a formal letter should state the action that you are requesting such as a nomination to participate in the 2022 Idaho Science and Aerospace Scholars Program.

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**Other information:** Explain why you wish to participate in the program, what goals you have for the program, and why you will be successful. Describe personal characteristics, strengths, and interests to support your explanation in 750 words or less. (You may use a separate sheet of paper)

Please describe your career aspirations, extra-curricular activities, work experiences, volunteer work, honors, awards, etc., in 750 words or less. (You may use a separate sheet of paper)

How did you hear about the Idaho Science and Aerospace Scholars program?

**Optional Information:** Applicants are strongly encouraged to provide the information requested below. This information is collected for federal reporting purposes only.

**Ethnicity:** Hispanic or Latino  Not-Hispanic or Not-Latino

**Race:** American Indian or Alaskan Native  Asian  Black or African American   
Native Hawaiian or other Pacific Islander  White  Some other Race

**Person with Disability:** Yes  No

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### **Student Certification (Please check box)**

By applying to the program, you are acknowledging the following:

- I am applying to the Idaho Science & Aerospace Scholars program.
- The responses submitted on this application are true, complete, and correct to the best of my knowledge and belief, and are made in good faith. I understand that a knowing and willful false statement on this application will forfeit my participation in the program.
- Release of name, mailing address, and school to U.S. and/or State Legislators.
- Release of name, school, city, and state for purposes of program participation press releases.
- Personal responsibility for submission of required online assignments and a final project, adhering to the due dates posted in the ISAS course.
- All assignments, including the final project, will be completed using the honor system.
- Online assignments will be graded by certified teachers using the posted rubric(s).
- Students will be selected for the summer academy based on the following criterion: Completion of the application by **November 1, 2021** and ISAS academic performance including completion and timeliness of all online course assignments and the final online project including online teacher recommendation and certification by May 15, 2022.
- Efforts will also be made to ensure geographic diversity of selected participants.
- Should I be selected for the summer academy, I will be available to participate in either **Academy 1:** July 10 - 16, 2022 or **Academy 2:** July 22 - 30, 2022.
- If I participate, program representatives will contact me to learn of my college and career plans. This will be done via email, mail, or phone. This information will be used to assist program representative in determining the impact of the project. I understand my personally identifiable information will not be disclosed.

## Parent/Legal Guardian Certification (Please check box)

By your child applying to the program, you are acknowledging the following:

- My child is applying to the Idaho Science & Aerospace Scholars program.
- I give permission for my child to submit the program application and participate in the online community and summer experience if selected.
- The submission of this application is voluntary and I have reviewed and approved my child's responses.
- I give permission for the releases of my child's name, mailing address, and school to my child's U.S. and/or State Legislators.
- I give permission for the release of my child's name, school, city, and state for purposes of program participation press releases.
- The responses submitted on this application are true, complete, and correct to the best of my knowledge and belief, and are made in good faith. I understand that a knowing and willful false statement on this application will forfeit my child's participation in the program.
- My child is personally responsible for submission of required online assignments and final project, adhering to the due dates posted in the ISAS course.
- All assignments, including the final project, will be completed using the honor system.
- Online assignments will be graded by certified teachers using the posted rubric(s).
- Students will be selected for the summer academy based on the following criterion: Completion of the application by **November 1, 2021** and ISAS academic performance including completion and timeliness of all online course assignments and the final online project including online teacher recommendation and certification by May 15, 2022.
- Efforts will also be made to ensure geographic diversity of selected applicants.
- Should my child be selected for the summer academy, my child will be available for either **Academy 1**: July 10 - 16, 2022 or **Academy 2**: July 24 - 30, 2022.
- If my child participates, program representatives will contact my child up to six years beyond participation to learn of their college and career plans. This will be done via email, mail or phone. This information will be used to assist program representatives in determining the impact of the project. I understand personally identifiable information will not be disclosed.

Contact SharonCates at [scates@sde.idaho.gov](mailto:scates@sde.idaho.gov) or 208-332-6890 for more information.

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The application may be emailed as an attachment but doing so is a voluntary transfer of personally identifiable information over the internet, the State Department of Education does not guarantee the security of electronically transmitted information. The application may be mailed and postmarked to the State Department of Education by **November 1, 2021**.

Email to: [scates@sde.idaho.gov](mailto:scates@sde.idaho.gov) or mail to: Sharon Cates, Idaho State Department of Education, P.O. Box 83720, Boise, ID 83720-0027. Telephone: 208-332-6890.