



THE AMERICAN INSTITUTE OF AERONAUTICS
AND ASTRONAUTICS (AIAA)
& THE AIAA SPACE SYSTEMS TECHNICAL
COMMITTEE (SSTC)

INVITE YOU TO PARTICIPATE IN THE
2024 SSTC STUDENT ESSAY CONTEST:
7th – 8th Graders

THEME: “Explore the profound effects of space observation on a particular industry of your choice. Investigate how advancements in satellite technology have revolutionized this industry's practices, strategies, and overall impact. Consider the differences in data resolution (spatial, temporal, spectral) obtained on the ground, from an airplane or space. Discuss how space observation has either complemented or replaced the other observation methods of the chosen industry.”

REQUIREMENTS:

- Typewritten essay, double-spaced, Times New Roman, 12 pt. font, in 1,000 words or less
- Include student name, teacher name, grade, and school name printed at the top of the essay
- Submit essay to your local section, with student and teacher's: name, phone, e-mail, and mailing address for notification and awards in the body of the email



DEADLINE: Essay submission deadline to local AIAA section officers- National Capital Section - is **April 30, 2024 by 5 pm.** Send essay document as an attachment (pdf or Word) to: aiaa.natcap+essay@gmail.com .
Our Section winners will be awarded: First Place: \$75; Second Place: \$50; and Third Place: \$25 (to be determined by our judging team by May 12, 2024).

Submission of local section winning essays by the SECTION to the national contest is May 13, 2024. National winners and their teachers will be notified in June, 2024.

NATIONAL PRIZES: 1st place will be awarded \$125, 2nd place will be awarded \$75, and 3rd place will be awarded \$50. Winners are publicly announced in the September 2024 issue of *Aerospace America* magazine.

JUDGING CRITERIA:

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| 1. Originality of ideas presented (30%) | 2. Soundness of logic used to develop ideas (30%) |
| 3. Realism of ideas presented (20%) | 4. Quality of composition & clarity of expression (20%) |

ELIGIBILITY: Any seventh or eighth grader during 2023-2024 school year (or equivalent)

Questions? Contact Ms. Susan Bardenhagen, NCS K12 STEM Committee Chair
aiaa.natcap+essay@gmail.com