

POWER TO EXPLORE STUDENT CHALLENGE (THE “CHALLENGE”)

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The Challenge:

Your challenge is first to research Radioisotope Power Systems (RPS), which is a type of nuclear “battery”, and then write about: (i) where your RPS-powered mission will go and describe your mission goal(s). Keep in mind that your mission can either fly, orbit, land, or rove; and (ii) what you think your unique power is and how your special power will help you achieve mission success. Your power could be a skill, personality trait, or other personal strength that is uniquely you. In total, your submission is limited to 200 words. You must also include a title up to 75 characters which will not be included in the word limit (collectively “entry”).





Your participation in this Challenge is governed not only by these Challenge Rules BUT ALSO by the [GENERAL RULES](#), which are incorporated.

Who Can Enter

Legal residents of the United States who are registered students in grades kindergarten through twelfth grade (K – 12) attending a public, private, or home school in the United States (including U.S. Territories and Possessions and schools operated by the U.S. for the children of American personnel overseas) are eligible to enter (eligible “Participants”). Employees of Future Engineers (“Sponsor”) National Aeronautics and Space Administration (“NASA”) and the immediate family members (spouse, parent, child, sibling, partners, and their respective spouses, and foster and step-relations) regardless of where they reside, or those living in the employee’s same household (whether or not related) are not eligible to enter or win a prize. Sponsor and NASA collectively referred to herein as the “Challenge Parties.”

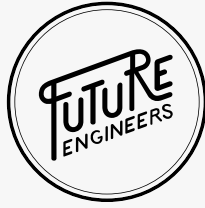
Privacy Rules

Submissions will be reviewed for eligibility, compliance, privacy, and student safety prior to being displayed in the gallery. Entries that moderators find not to be compliant, for example that contain personal information may (but without obligation) be flagged for resubmission (or rejected if after the deadline).

-  **NO NAMES OF PEOPLE!** Do not write your full name or anyone else’s full name in your entry. Factually referencing significant figures (e.g., a historical or present-day scientist, engineer, or astronaut) in your entry is OK.
-  **NO CONTACT INFO!** Do not submit an address, email address, phone number, or any combination of information that could be used to identify or contact a student.
-  **NO SCHOOL NAMES!** Do not submit your school name in your submission.
-  **NO USERNAMES!** Do not submit a username from any site or platform.



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Submission Criteria

Submissions that violate the Rules will be ineligible to win and may be flagged for resubmission.

- Your Submission Must Include:
 - Title of your entry
 - Maximum 75 characters (which will not be included in the word count maximum)
 - TYPE-WRITTEN Essay
 - Maximum 200 words ("entry")
- ONE eligible entry per student. Team entries are NOT allowed. You may edit your submitted entry, but your last version of the submitted entry before the deadline will be judged.
- Keep it G-rated! No inappropriate content (as determined by Sponsor in its sole discretion).
- Your entry must be original and 100% created by YOU. Adults may assist younger students with typing the online submission, but the entry must be the **student's** own creative, original work.
- Your entry must not contain copyrighted material or plagiarized text.
- Your entry must not contain URLs that link to external sites, files, or videos such as Google Docs or YouTube. Citing general sources such as "NASA" or "Space.com" is OK if it is intended to identify a source, not provide additional content.
- Do not include content that infringes on the rights of others. Referencing common trade names factually in your description is OK.

Judging Criteria

The Judges will score eligible entries based on the following Judging Criteria (max score of 100 points) (observing the age of the entrant group):



25 POINTS

feasibility of where your RPS-powered mission will go and your mission goal/s

25 POINTS

creativity of your selected destination

25 POINTS

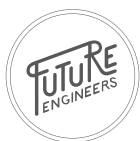
how well your special human power will help achieve your mission goal/s

25 POINTS

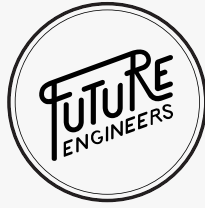
quality of the written entry

Tie Break

In the event of a tie at any stage of judging, the tie will be broken amongst all tied entries by the highest score in the 'feasibility of where your RPS spacecraft will go and your mission goal/s category.



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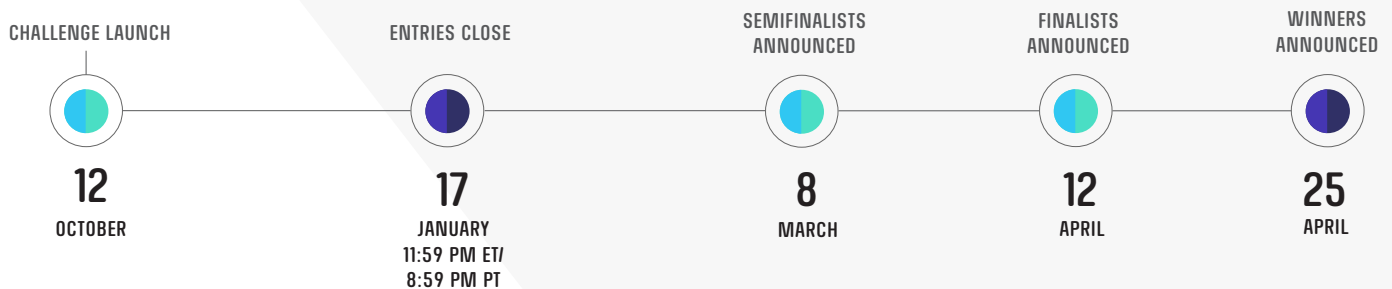


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Program Dates

All entries must be received by: January 17, 2023, 11:59 p.m. Eastern Time (8:59 p.m. Pacific Time). Parent consent must be received by the time requested, otherwise entry will be disqualified, and the entrant will be ineligible to win. It is anticipated that Challenge dates/deadlines will be on or about as follows; however, all dates may be subject to change due to necessity of the circumstances, as determined by Sponsor in its sole and absolute discretion:



Prizes

There are three grade categories K-4, 5-8, and 9-12 (each a “Grade Category”). Students will compete in their applicable Grade Category and entries in each Grade Category will be judged accordingly. As determined by the highest scores received, based on the Judging Criteria described above, there will be selected from each Grade Category: fifteen (15) national semifinalists (“Semifinalists”); three (3) national finalists (“Finalists”); and one (1) national Grand Prize winner. The following prizes are available to be awarded, subject to eligibility and compliance, as determined by Sponsor and Future Engineers in their absolute discretion:



Semifinalist Prize (15 per Grade Category / 45 total):

A NASA RPS Prize pack. Prize pack anticipated but not guaranteed to consist of: pins, stickers, and printed materials (Approx. Retail Value “ARV”: \$10 each).



Finalist Prize (3 per Grade Category / 9 total):

A 30-minute group virtual session for the Finalists in each grade group and a NASA expert (promotional value only). Prize also includes a Finalist prize pack anticipated but not guaranteed to consist of: space-themed apparel and novelty goods (ARV: up to \$100 each).

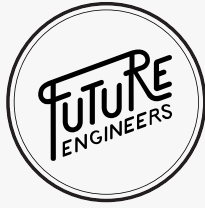


Grand Prize (1 per Grade Category / 3 total):

A 3-day/2-night trip for Grand Prize winner and one (1) parent/legal guardian (“guest”) to NASA Glenn Research Center, Cleveland, Ohio. Trip consists of: roundtrip air transportation for two people to/from a major gateway airport near winner’s legal U.S. residence and Cleveland, Ohio; 2-nights hotel accommodations (standard room, double occupancy, room rate and tax included); ground transportation to/from airport to hotel, and to/from NASA Glenn and hotel (ARV of Trip: up to a max value of USD\$2,500).



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Prizes Continued



Grand Prize (1 per Grade Category / 3 total) Continued:

Sponsor will also provide up to a maximum amount of USD\$750 as part of the Grand Prize (in the form of a check, which may be used to offset taxes; however, the offset amount will be determined by Sponsor based on actual value of prize awarded). (ARV of Grand Prize: up to USD\$3,250).

Further specifics and limitations with respect to the grand prize trip are provided in the GENERAL RULES and will also be provided in applicable winner release documentation. Blackout dates and restrictions apply. Actual value depends on winner's residence and other factors; any difference between actual and approximate value will not be awarded as cash or otherwise and Sponsor reserves the absolute right to limit particular elements of a prize. Prizes are subject to coordination with NASA and any additional limitations and/or restrictions imposed by NASA as communicated in the winner release documents.

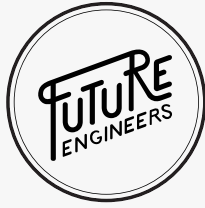
General Prize Terms: Limit one (1) prize at each prize level (semi, finalist, grand) per person.

Prizes must be accepted as a whole or will be forfeited in its entirety. Any and all applicable local, state, and federal taxes and all expenses not specifically stated herein are solely the responsibility of a winner (or their parent or legal guardian). Without limitation, Sponsor reserves the unfettered right NOT to award any prize, in whole or in part, if doing so may result in public disrepute, scandal, or may have a detrimental impact on Sponsor, NASA, this Promotion, or any of Sponsor's or NASA's public image, brand, products or services (as solely determined by Sponsor in its absolute discretion). Only the prize as described is available to be awarded; in no event will Promotion Entities be responsible for awarding more or different prizes than stated herein. The Challenge Parties are not responsible if any event or activity associated with any prize is delayed, postponed, or canceled for any reason. Winner will not receive compensation from any of the Challenge Parties for any aspect of a prize that the winner is unable to use due to force majeure (including but not limited to the pandemic and effects therefrom) theft, misplacement, loss, damage, destruction (and such will not be replaced), or to delay or cancellation of an event or activity (but certain tickets may be subject to standard rain-check policies and procedures set by the issuer). Prizes cannot be assigned, transferred, or substituted, except by Sponsor who may, at its sole discretion, substitute a prize or any part thereof with a prize of equal or greater value. Prizes are not redeemable for cash; any difference between the actual value and ARV of the prize will not be awarded as cash, or otherwise.

Future Engineers reserves the right, without obligation, to (i) select fewer winners (if there are not enough eligible entries received) or (ii) to award additional prizes or (iii) not award a prize or to disqualify any Participant/entry at any time (and require immediate prize return, if applicable) if it determines or suspects that Participant/entry is ineligible, incomplete, non-compliant, or that awarding the prize to any such Participant might bring the Sponsor or any other of the Challenge Parties into public disrepute, scandal or contempt. If a winner is disqualified for any reason, Future Engineers or NASA may award the subject prize to an alternate even if the disqualified Participant has already been announced.



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Ownership and Licensing:

Entries may be displayed in a moderated public gallery. Please refer to the [GENERAL RULES](#) and [TERMS OF SERVICE](#) for details. Depiction in the gallery shall not be deemed a representation of an entries' ranking, score, or eligibility for the Challenge.

Potential Winner Notification

The potential winners' parents or legal guardians will be notified via email, and they will be required to sign and return additional documents by a specified time, which may include:

Affidavit (or Declaration, as determined by Sponsor) of Eligibility, Liability and, where legal, a Publicity Release, and any additional releases required by NASA and/or any third party prize fulfillment entities. Guest of grand prize winner will also be required to sign a Release of Liability and Publicity Release.

If any prize, prize notification, email, or other communication is returned as undeliverable, or if a potential winner (at any level) cannot be reached after one (1) attempt by email or phone, refuses the prize, fails to (timely) respond, or fails to properly sign and return all releases within the time period requested, or if a potential winner or their entry is found to be ineligible, the potential winner may be disqualified. The next highest scoring entry (for the applicable prize within that Grade Category) may be notified, time permitting. If an alternate winner cannot be no-

Sponsor and Challenge Parties:

Sponsor: Future Engineers LLC
3900 West Alameda Ave.
Suite 1200 Burbank, CA

Challenge Parties: NASA
300 E Street SW
Washington DC 20024

GOOD LUCK!



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