

## 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) one or more uses of this special power system in space that inspires you (refer to the BRAINSTORMING section for examples, from providing power in dark places like a shadowed crater to powering spacecraft that go beyond our solar system), and then (ii) describe what you think your unique power is and tell us how your special power will help you to achieve one or more long-term goal(s) in your life (“entry”). 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. Your participation in this Challenge is governed not only by these Challenge Rules BUT ALSO by the [GENERAL RULES](#), which are incorporated herein.

### Who Can Enter

Legal residents of the United States who are registered students in grades kindergarten through 12th-grade attending a public, private, or home school in the United States (including U.S. Territories or 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”) 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. Children of National Aeronautics and Space Administration (“NASA”) provided they otherwise meet the eligibility criteria herein may enter the Challenge but are NOT eligible to receive a NASA RPS Prize pack. Sponsor and NASA collectively referred to herein as the “Challenge Parties”.

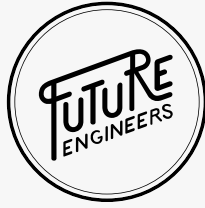
### Privacy Rules

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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## POWER TO EXPLORE STUDENT CHALLENGE RULES

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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)
  - Written (typed) submission ("entry")
    - Grades K-4: Maximum 200 words
    - Grades 5-8: Maximum 200 words
    - Grades 9-12: Maximum 200 words
- 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 title and essay 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 upload 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 (maximum score of 100 points) (observing the age of the entrant group):



**25 POINTS**

Clarity of description of an RPS use in space that inspires you

**25 POINTS**

Creativity and quality of the written entry

**50 POINTS**

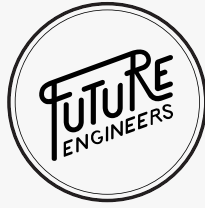
How well your unique power helps you achieve your goal(s)

### 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 'clarity and description of one use of RPS in space that inspires you' category.



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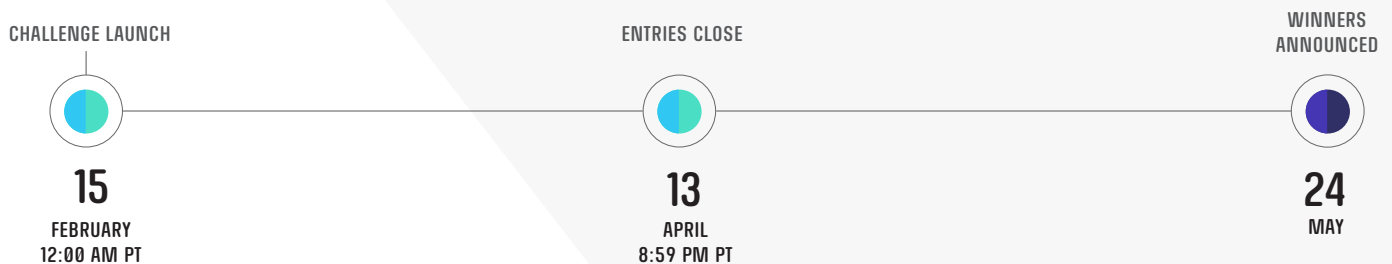


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### Program Dates

All entries must be received by: APRIL 13, 2022, 8:59 PM 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:



### Winners and Honorees

Students will compete in one of three grade categories K-4, 5-8, and 9-12 (each a “Grade Category”).

- Forty-five (45) Winners (15 from each Grade Category, assuming sufficient eligible entries are received):**  
15 entries in each Grade Category with the highest score based on the Judging Criteria described above will be selected as a Winner, vetted for eligibility, and announced.

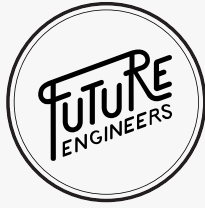
### Prizes / Approximate Retail Value (“ARV”)

- Prizes (45):**  
A NASA RPS prize pack. Prize pack anticipated but not guaranteed to consist of: pins, stickers, and printed materials (Approximate Retail Value: \$10 each). Limit one (1) prize per person.

Future Engineers reserves the right 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.

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, 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 level) may be notified, time permitting. If an alternate Winner cannot be notified or fails to respond that prize will be forfeit and will not be awarded; there will not be a second-chance drawing.

### Sponsor and Challenge Parties:

Sponsor: Future Engineers LLC

Challenge Parties: NASA

**GOOD LUCK!**



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