

THE ROBOT DESIGN CHALLENGE RULES

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The Challenge:

If you are a K-12 student in the United States, your challenge is to design a robot whose purpose is to make someone smile! Your robot design must be no larger than 5 feet x 5 feet x 5 feet, and you must address the three design considerations below. To enter, please create at least one image of your robot's design (e.g., original work of art, 3D model, diagram, or a photo of a design prototype, etc.-note: it does not need to function) and a written summary that explains your robot's design, who it is for, and why it makes them smile in 150 words or less.

Consider the following when making your design:

User: Who is your robot for? Consider who your robot is built for and why it will bring them joy.

Task/s: What will your robot do? Will it perform one or more functions?

Physical Design: What will your robot be made out of? How will your robot's design effectively complete its task/s? Will it be automated, or does it have a controller?

Who Can Enter

Legal residents of the United States who are registered students in grades kindergarten through twelfth 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").

Submission Criteria

Submissions that violate the rules will be ineligible to win and may be flagged for removal or resubmission.



Your Submission Must Include:

- IMAGES of your ROBOT DESIGN
 - Up to 6 images (Refer to the Design Guidelines for more detail.)
 - GIF, PNG, JPG/JPEG, BMP, or SVG
 - Max 3 MB each
- NAME of your ROBOT
 - Max 30 Characters
- SHORT DESCRIPTION about your ROBOT DESIGN
 - Max 150 Words



Do not upload content that infringes on the rights of others. Referencing common trade names **factually** in your description is OK.



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.



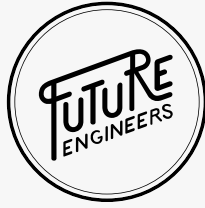
Keep it G-rated! No inappropriate content (as determined by Sponsor in its sole discretion).



Your entry must be made by YOU.



email: support@futureengineers.org/ web: www.futureengineers.org









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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!** Don't write your full name, or anyone else's full name in your entry. Factually referencing significant figures (e.g. a scientist, artist, or engineer) is OK in your essay.
-  **NO ADDRESSES!** Don't tell us where you live or upload a photo with your address shown.
-  **NO SCHOOL NAMES!** Don't include your school name or class name in your submission.
-  **NO FACES!** Don't include the face of yourself or others in your entry.
-  **NO CONTACT INFO!** Don't submit an address, email address, phone number, or any combination of information that could be used to identify or contact a student.
-  **NO USERNAMES!** Please don't submit a username from any platform.

Judging Criteria

The Judging Panel will score all eligible entries based on the following Judging Criteria (max score of 100 points):



50 POINTS

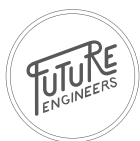
The likelihood of your design to make someone smile

25 POINTS

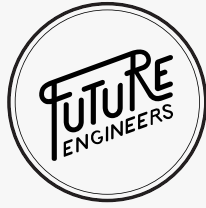
Creativity and originality of your design

25 POINTS

Communication of your robot's design through image(s)/illustration(s) and text



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Program Dates

All entries must be received by: MAY 1, 2023, 10:00 PM Pacific Time. Parent consent must be received by the time requested, otherwise participant will be deemed 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

There are 3 separate grade Categories (Grades K-5; Grades 6-8 and Grades 9-12) each is a separate “Category”.



TWELVE (12) FINALISTS

Judged on the uploaded entry, 12 entries (4 from each Grade Category) with the highest score based on the Judging Criteria will be selected as prospective finalists and vetted for eligibility, then announced.



THREE (3) WINNERS

Of the 12 finalists (4 from each grade Category), the Judging panel will again apply the Judging Criteria described below, and three grand prize winners (1 from each grade Category) will be selected and announced.

Future Engineers reserves the right to (i) select fewer finalists and/or winners (if there is not enough eligible entries received) or (ii) to select more finalists, and/or winners or (iii) to award additional prizes. If a finalist and/or winner is disqualified for any reason, Future Engineers may award the prize to an alternate even if the disqualified person has already been announced.

Finalist and Grand Prizes



GRAND PRIZE (3)

One winning student from each Grade Category (3 total) will win a \$200 Amazon gift card.

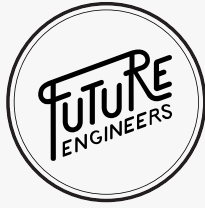


FINALISTS (12)

Four finalists in Grade Category (12 total) will win a Future Engineers T-Shirt and a Robot Prize Pack.



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Potential Finalist Notification

The potential finalists' 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, Publicity Release and a Waiver Agreement ("Winner Release Documents").

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 two (2) separate unsuccessful attempts 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 finalist or their entry is found to be ineligible, the potential finalist may be disqualified. The next highest scoring entry (for the applicable prize level) may be notified, time permitting.

Tie Break

In the event of a tie at any stage of judging, 'The likelihood of your design to make someone smile' will be used as the tie-breaker.

Ownership and Public Licensing

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

GOOD LUCK!



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