



## 2023 TI Codes Contest packet

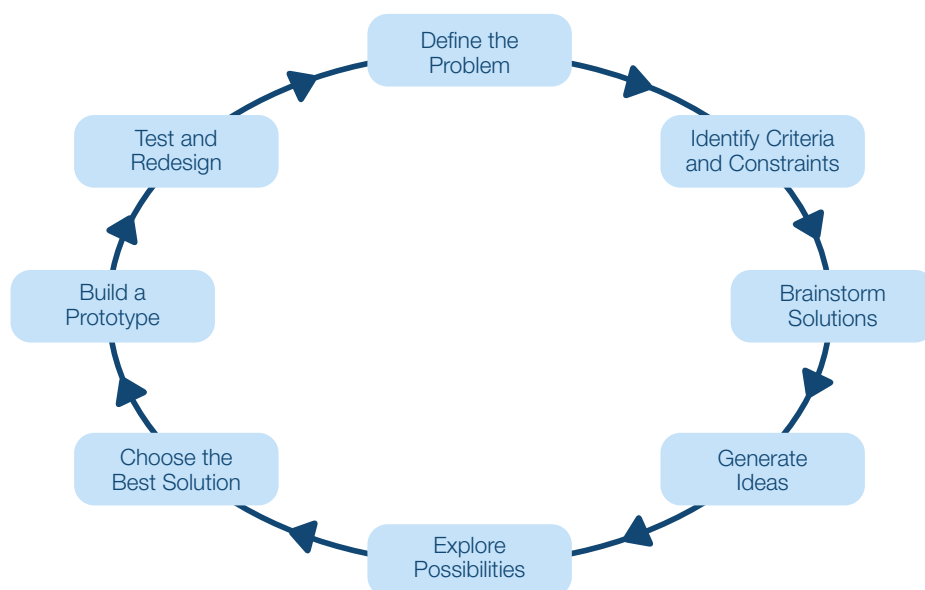
### Qualifying round: Plan and design

Thank you for your interest in the 2023 TI Codes Contest. To enter, you must gather a team and submit this completed packet — along with a project design schematic/diagram — via the form on the contest webpage at [TICodesContest.com](https://TICodesContest.com). The deadline to enter and upload these documents is **Feb. 15 at 11:59 p.m. Central time**.

Teams must be located in the U.S., include an adult sponsor (like a teacher or parent), and have 1–5 student members who are between ages 13–19. Please review the **full contest rules** for additional eligibility information and full terms.

More information and resources to help create your project plan and design are outlined in the **Reference Guide**. Any additional questions may be sent via email to [codescontest@ti.com](mailto:codescontest@ti.com).

You may find the Engineering Design Process (diagram below) a helpful tool for your team's project ideation. You won't be able to build or test your solution just yet, but it can help you think through your proposed solution.



1. Describe the problem you are trying to solve and why you chose it.

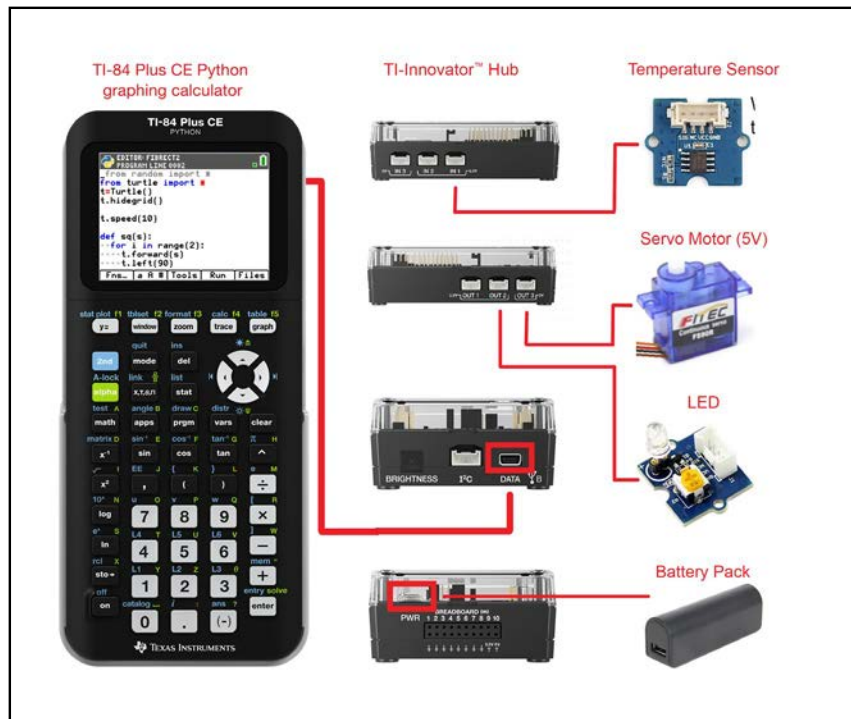
2. How did you learn about the problem? What resources did you use to identify this problem?

3. Describe your solution and what your project does.

4. Describe how you will use TI technology in your project.

5. List the materials and costs necessary for this project. The **Reference Guide** may provide useful guidance when considering materials. Although there is no budget limit for a project, efficient use of materials will be part of the evaluation.

6. Illustrate a design schematic or diagram of your solution (example below).  
It may be hand-drawn or digitally created but must be submitted as a separate file.  
(File types accepted: .pdf, .png, .jpg)



Example of design schematic/diagram

7. Explain how your team will work together, and identify each person's role in the project.

## Submission checklist

- » Review the grading rubric (found in the [Reference Guide](#)).
- » Make sure all questions have been answered; save the final document as a .pdf.
- » Save the project design schematic/diagram with the following naming convention: "SubmissionForm\_TeamName" and as a .pdf, .png or .jpg format.
- » Complete the online form, and upload your packet and design files at [TICodesContest.com](https://www.ti.com/education/ti-codes-contest) before **Feb. 15 at 11:59 p.m. Central time**.

Packet submissions are subject to the **Official Rules** of the 2023 TI Codes Contest and Sweepstakes, including, without limitation, the right for Texas Instruments to use any project submissions to create future TI-Innovator™ projects/lessons during and after the contest period.