



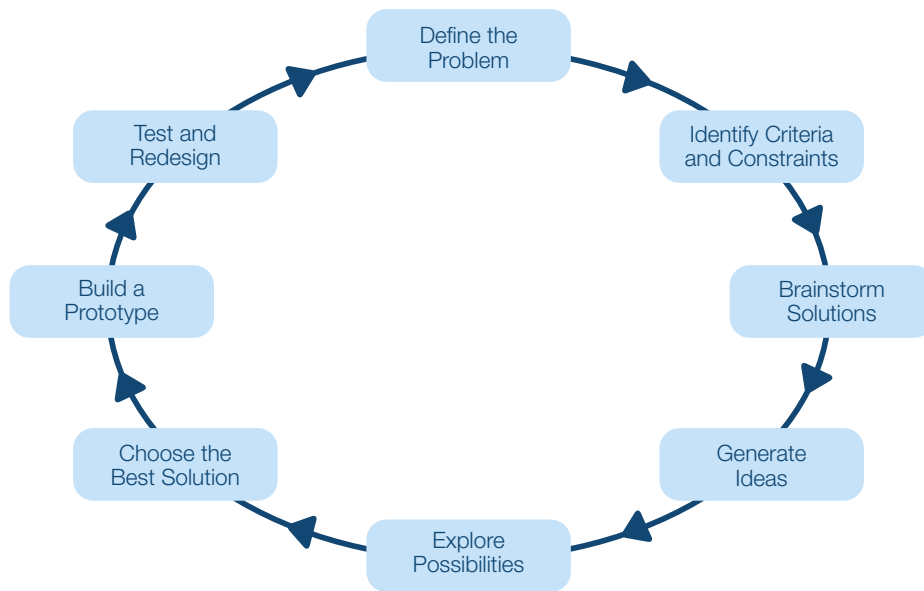
2019 TI CODES Contest Packet

Qualifying Round: Design the Solution

Congratulations! You have been selected to advance to the second round of the 2019 TI CODES Contest. To be considered for the third round of the contest, in which advancing teams will receive Texas Instruments (TI) technology to build their projects, you must submit this completed packet and project design schematic/diagram via email to codescontest@ti.com before **11:59 p.m. Central time, April 22, 2019**.

Now that your project idea has been selected, your next step is to provide your project plan and design through the submission process outlined in this packet. More information and resources are outlined in the [Reference Guide](#).

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.



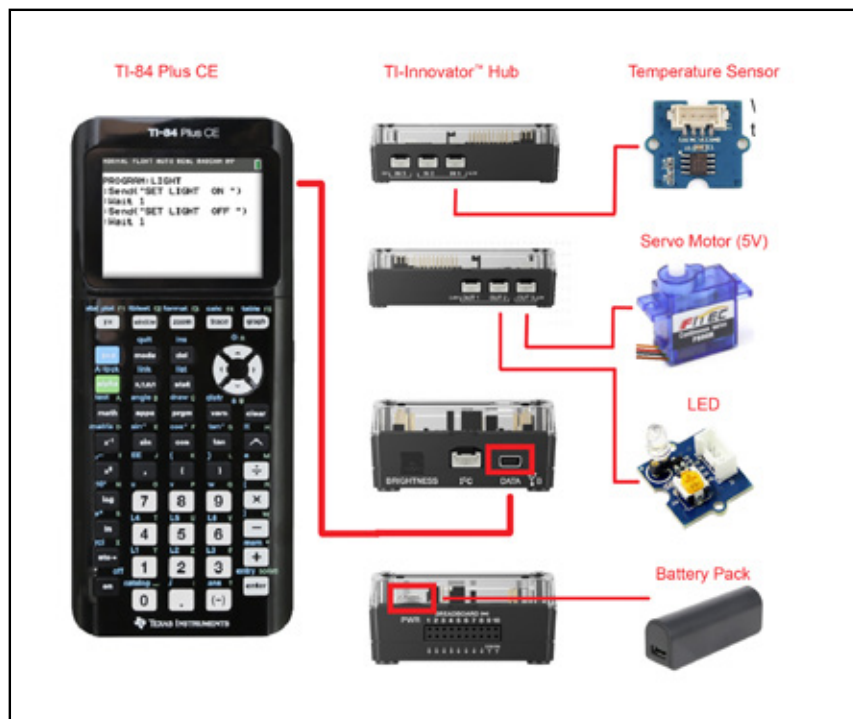
1) Describe the problem you are trying to solve and why you chose it.

2) Describe your solution and what your project does.

3) Describe how you will use TI technology in your project.

4) 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.

- 5) 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 design schematic/diagram

- 6) 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 and email this packet and project design schematic/diagram to codescontest@ti.com before **11:59 p.m. Central time, April 22, 2019**

Packet submissions are subject to the **Official Rules** of the 2019 TI Codes Contest and Sweepstakes, including without limitation the right for TI to use any project submissions to create future innovator projects/lessons during and after the Contest Period.