

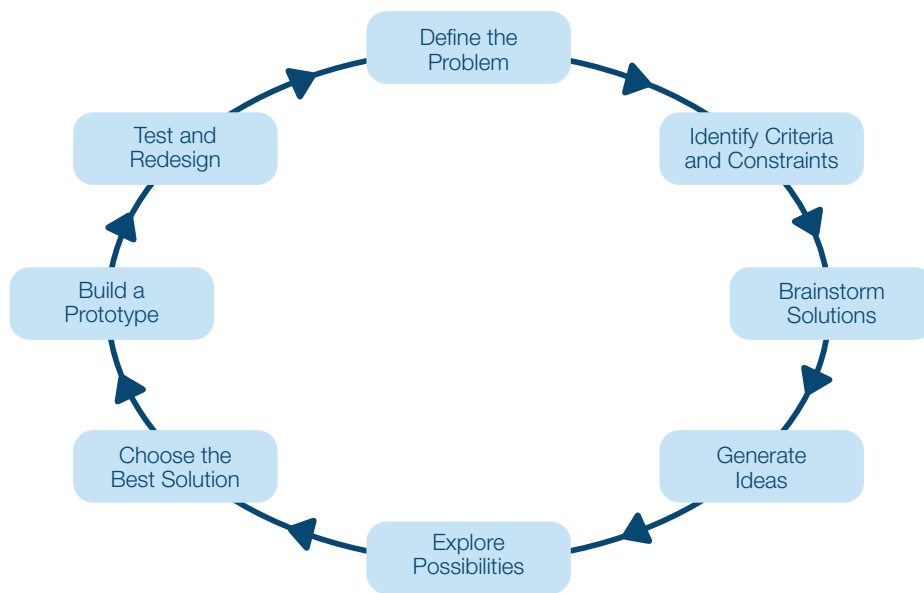
2018 TI CODES Contest Packet

Qualifying Round: Design the Solution

Congratulations! You have been selected to advance to the second round of the 2018 TI CODES Contest. To further advance to the third round, where you will receive TI technology and additional materials to build your project, this packet must be completed and submitted along with your project diagram via email to codescontest@list.ti.com by **May 1, 2018, at 11:59 p.m. Central time.**

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.



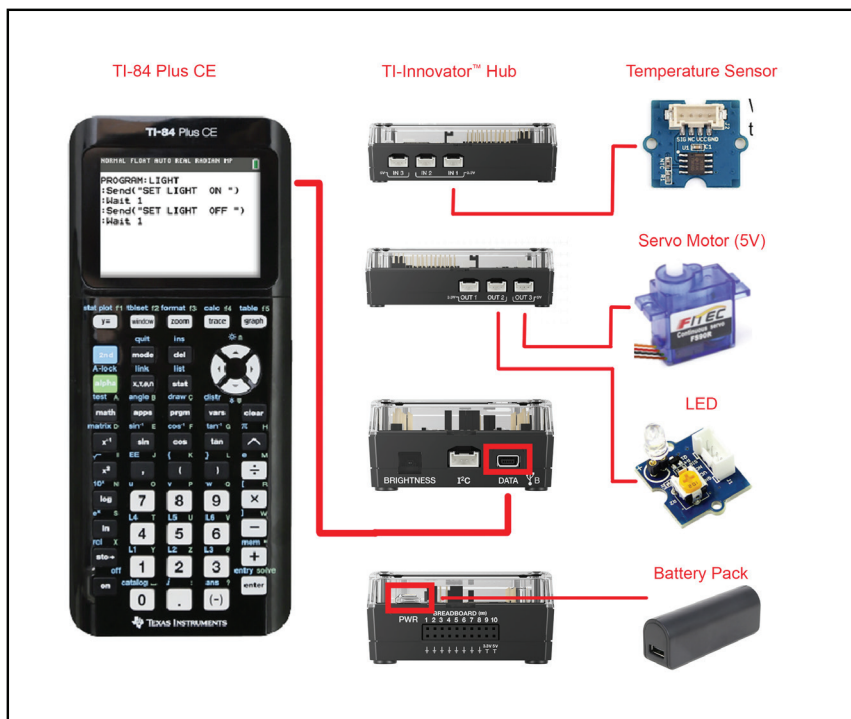
1) Describe the problem/opportunity that your project or product will automate.

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. (See illustration below for reference). It may be hand-drawn or digitally created, but must be submitted as a separate file. (File types accepted: .PDF, .PNG, .JPG)



- 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 diagram with the following naming convention: "SubmissionForm_TeamName" and as a .PDF, .PNG, or .JPG format.
- » Submit your submission form and your project diagram by **May 1, 2018, at 11:59 p.m. Central time** to: codescontest@list.ti.com.