

Siemens We Can Change the World Challenge Application Process

The following are all of the required steps in the application process. Use this to guide you through your project and remind you of the information you'll need to document along the way. Remember, you can draft your application online and edit it as often as you like until submitting it.

Step 1: Choose It!

Which environmental topic did the team select? How does this topic affect their local community? Explain how this topic is important or meaningful to the team. Limit your response to 250 words.

Step 2: Research It!

Describe the inquiry-based research the team did to identify the focus of their project. Include below a clearly defined problem statement that defines the issue and shows evidence of how it is a problem in your community. The problem statement should be developed using both personal observations and collected data. Be sure to include citations for researched data. Limit your response to 800 words.

Step 3: Plan It!

Share your team's action plan, including project steps, timeline for completion, necessary resources, and how the team planned to measure whether their potential solution is working to impact or fix the problem. Tell how all members contributed, and share any necessary modifications to the plan that were made along the way. Limit your response to 450 words.

Step 4: Do It!

Share how the team went about collecting data, keeping thorough and accurate records, testing their ideas and hypotheses and making systematic observations about whether or not their solution is working. Share descriptions of any written notes, data tables, sketches, photographs or video captured during the data collection step. Limit your response to 650 words.

Step 5: Analyze It!

How did it go? What did the team's testing reveal? Did the team's solution impact the problem it identified? Share what made their plan work (if appropriate); any challenges they met along the way; how they overcame those challenges; and what adjustments were necessary. Would they have done things differently if given the opportunity? If testing is still ongoing, share any results gathered so far. Limit your response to 400 words.

Step 6: Share It!

Now it's time to spread the word! Tell us what impact this project had on your local community, and how your team's newfound knowledge can be shared with others who want to make *their* communities a better place to live. What other kinds of communities might benefit from the team's conclusions? Be sure to explain how much time is recommended to complete the project, and what resources and materials are required. Limit your response to 450 words.