

**Part 1**

Identify what category or categories your plan stems from

CS, Chemistry, Biology, Physics, Med, Math

**Problem**

*Next, write about a problem in your community that needs an innovative STEM solution. How does it affect you, and others around you?*

*- Suggestions: try to find a problem that is of reasonable magnitude*

*- Requirements: 150 words maximum, problem should not be trivial (disposing waste in a sewer…)*

**Part 2**

Now that you have discovered the problem, its time to find the solution! To make it easier for you, we have a written a small framework for you to write your solution.

**Materials**

*What are the items, people, or things that you will need to create your solution?*

**Procedure**

*How would you go about implementing your solution? Write the procedure in such a way that a random person from the street could implement your solution by just reading this.*

**Discussion**

*Is there any research or technology related to your solution? If so, how will you adapt the research or technology to fit your purposes?  Would be there be any concerns (e.g. ethicality, feasibility)?*

* *Requirements: URL for any external source (i.e. scientific journal, magazine, book, etc)*

**Conclusion**

*Tie everything in your solution together. Give us the ‘so what?’. Describe the implications of your solution. How does your solution truly help your community become a better place?*

Part 3

*In 50 words or less, describe your future STEM aspirations? Where do you see yourself in 10 years?*