

Follow the Engineering Process to Complete the Challenge





DEFINE

Define the problem

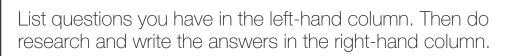
Define in your own words the problem you need to solve.

Make a list of the requirements for your solution.

What difficulties do you think your team will have?

Do your research

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| Propose a solution | |
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| Write a summary of your proposed solution. | |
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| | Test your solution and record notes from your testing. Did it work? If not, why? | |
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| | Determine what changes you need to make to improve | |
| | your solution, then make them. Retest. | |
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| | Repeat this process as many times as necessary. | Ċ |
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Once you are satisfied with your solution, answer the following questions:

Describe how your solution solves the challenge.

How does your final solution differ from your first design? What changes did you make?

What worked well and why? If you did this challenge again, what would you differently?

As an explorer, how would you use your solution in the field? Where would you go and for what purpose?

What now?