

STEM Design Process: Steps To Success

Observe/Ask



Collect



Imagine



Plan



Create



Improve



- What is the problem?
- What have I done before?

- What information will I need to solve this problem?
- What resources are needed?

- How can I solve the problem?
- Have I found an out of the box solution?
- Do I have more than one solution?

- What materials do I have/need?
- What steps will I take to solve the problem?
- What could go wrong?

- I will test my plan!
- I will take notes of the process/ my observations!
- I will draw/take pictures as I work for reference later!

- I will reflect on my design.
- What changes can I make to improve my plan/solution?
- What does my data tell me about my first attempt?
- I will create another plan and retest!

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LITTLE HANDS



STEM CHALLENGES

DATA & CHARTS

DATA & CHARTS