

The Engineering Design Process

Name: _____


Directions:

Look at the descriptions in the lower left corner. Decide which one goes with which step of the engineering design process. Write the appropriate description in each box.

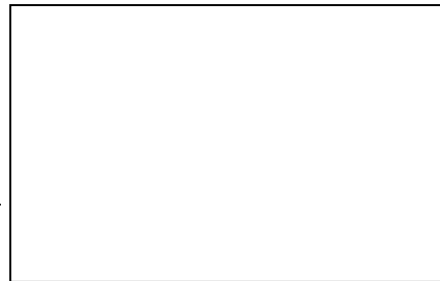
What's the problem?



Explore



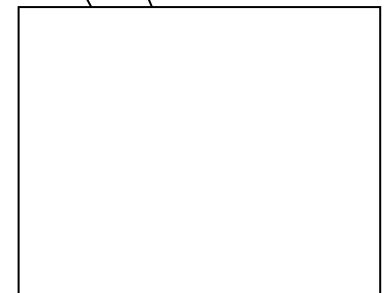
Design



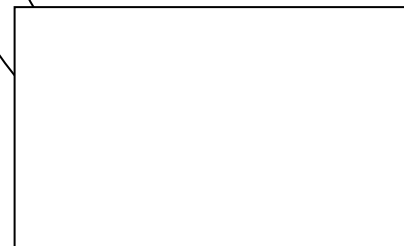
Create



Try It Out



Make It Better



- Test your idea.
- Find out what others have done. Gather materials and play with them.
- Think up lots of ideas. Pick one and make a plan. Make a drawing or a model.
- Think about how your design could be improved. Modify your design and try again.
- Use your plan to build your idea.
- What is the challenge? What are the limits? How can you solve it?

