

# Children's Engineering

## Technology Design Loop

1. **What is the problem?**

2. **Brainstorm solutions.**

Use your productive thinking talent to list many, varied, and unusual ideas.



3. **Create the solution you think is best.**

Make sure that you have a plan for how you will create your solution.

- What things will you need to create your solution?
- How will you build it? A sketch might help.
- List the problems that might keep you from creating your solution.



5. **Evaluate your solution.**

Was it the best solution?  
What would you have done differently?  
Can you add to it to make it better?

4. **Test your solution.**