



# ASK

- What is the problem or challenge?
- What do you need to accomplish?
- What are the constraints?

## ENGINEERING DESIGN PROCESS

# IMAGINE

- Brainstorm possible solutions.
- Consider creative and practical ideas.
- Research to expand your understanding

# PLAN

- Choose the best solution.
- Sketch or outline your idea.
- List the materials and steps needed.

# CREATE

- Build or develop your prototype or solution.
- Follow your plan, but adapt if needed.
- Document the process.

# TEST

- Evaluate how well your solution works.
- Collect data and analyze performance.
- Identify any problems or areas for improvement

# IMPROVE

- Refine your solution based on feedback.
- Make necessary changes.
- Test again until you're satisfied.

# SHARE

- Present your final solution.
- Reflect on what you learned.
- Get feedback from others.