UNDERSTAND
Define the problem.

ASK
What’s the problem?

PLAN
Brainstorm!

CREATE
Make it!

IMPROVE
Make it better!

DESIGN
PROCESS
ASK

STEP 1: What are you trying to do?

What do you want your robot to look like?

What do you want your robot to be able to do?

Do you have any other goals for your robot?
What are your criteria for success?
How will you decide if the robot meets your goals?

What constraints limit your design?

Assignment Requirements:

Materials:

Time:

Other:
Brainstorm, sketch and/or list your ideas for making a robot to meet these goals:
What will your robot look like? What materials will you need?
IMPROVE

STEP 5: Make it better!

How can you improve your design?