Now it’s your turn to design a robot! In this activity you get to create your own robot, just like Miranda designed and built Ruby! Below you will find the instructions and helpful tips to think about while creating your own robot design.

Some questions to consider:

1. What will the robot be programmed to do?

2. What specific tasks will it be designed for?
   a. Is it a space robot?
   b. Underwater explorer?
   c. Helps with chores?
   d. Crime fighting superhero?

3. What does the robot look like?
   a. Does it have arms and legs? How many?
   b. What does the robot use to see?
   c. Can it hear?

4. Does the robot have any unique features?
   a. Can it swim? Can it fly?
   b. Can it climb walls? Cook food? Time travel?

5. How does the robot communicate? How do you communicate with the robot?

**Materials you might use:**

1. Paper, felt
2. Scissors
3. Something to draw/color with
4. A computer or tablet to use clip art or to draw with

Most importantly, get **creative and use your imagination!**