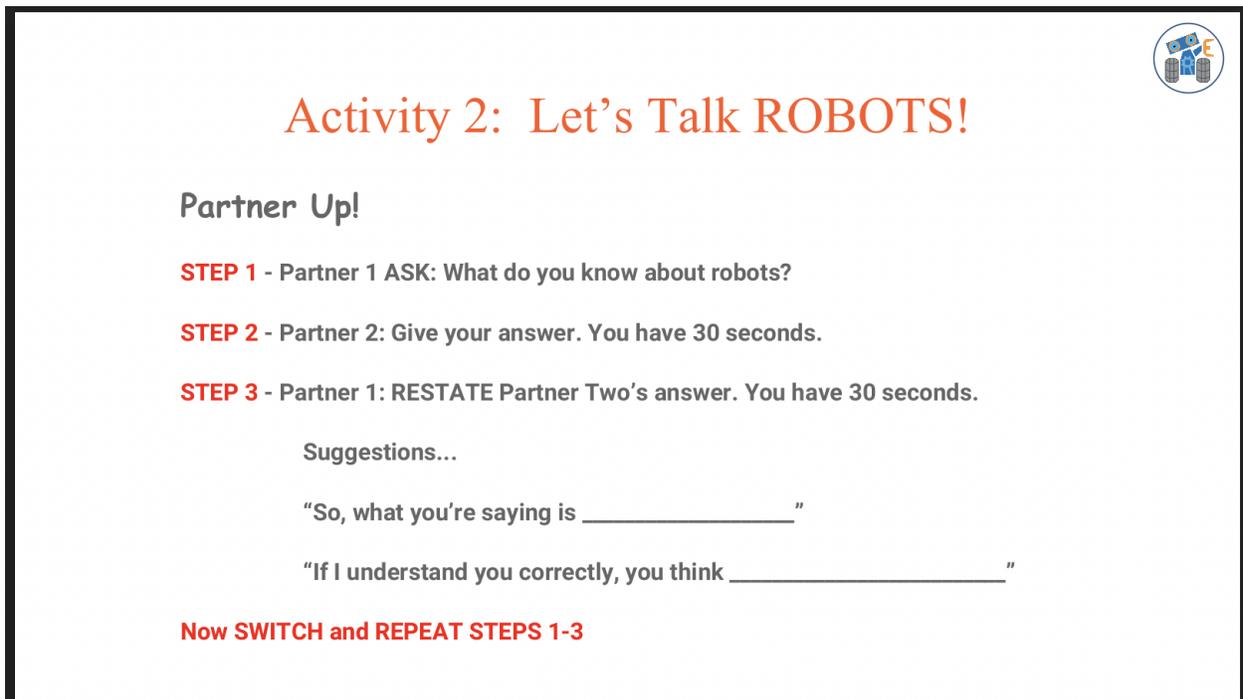


The graphic is split into two sections. The left section has a red background and contains the text 'Objectives:' followed by four bullet points. The right section has a white background and features a cartoon robot character that looks like a round cake with a red top and yellow bottom, with a leaf on top and a smiling face. Above the robot are two test tubes and a round-bottom flask with red liquid. There are also three asterisk symbols scattered around the robot and glassware.

Objectives:

- I can define and describe a robot.
- I can label the mBot.
- I can explain how robots are used to improve our daily lives.
- I can describe an engineer.



The activity page has a white background with a small circular logo in the top right corner. The logo shows a blue robot head and two grey cylindrical objects. The main text is in orange and black. It includes three steps for a partner activity and two suggestions for restating an answer.

Activity 2: Let's Talk ROBOTS!

Partner Up!

STEP 1 - Partner 1 ASK: What do you know about robots?

STEP 2 - Partner 2: Give your answer. You have 30 seconds.

STEP 3 - Partner 1: RESTATE Partner Two's answer. You have 30 seconds.

Suggestions...

"So, what you're saying is _____"

"If I understand you correctly, you think _____"

Now **SWITCH** and **REPEAT STEPS 1-3**



Activity 4: Label the Robot

Find the

Line Follower Sensor - This helps M-Bot follow lines accurately.

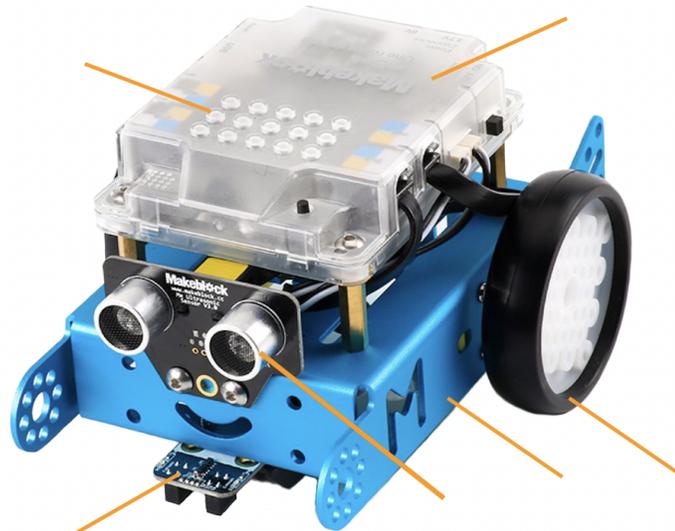
Ultrasonic Sensor - Helps M-Bot detect distance and avoid obstacles

Metal chassis - Makes sure M-Bot is strong and sturdy

M-Core Main Control Board - Holds light sensor, IR sensor, button, buzzer and RGB LED

Connectors - These make M-Bot compatible with Legos

Wheels - These make M-Bot navigate



Activity 6: We Are Engineers

We will work as Engineers.

What we will see?

- Students taking turns
- Students helping each other
-
-
-
-

What we will hear?

- *“Can you help me with this?”*
- *“Thank you for your help.”*
- *“I like your idea. Can you tell me more?”*
-
-
-