Life on Mars!

Congratulations, Mars Explorers! Your hard work exploring the planet has paid off. After studying the samples your Milo rover brought back, we have found evidence of life!

After sending Milo out yesterday, a Mars lifeform followed him home! In this project you will use your Lego WeDo kit to build a model of what that lifeform looked like.

Here are some ideas to help you design the required elements!

Mobile

Each life form must be able to move around on its own. You can't use wheels to make it move, as those are something man made.

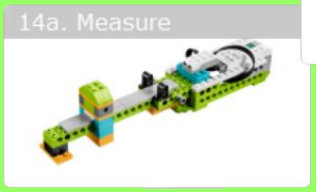
Interact with the World

Each life form must be able to use one sensor to interact with the world.

Use the Distance Sensor

Think of the Distance Sensor as giving the robot sight. What things might happen if it "sees" things?

1. Greets you when you wave your hand in front of it?
2. Moves until comes close to something, then stops?
3. Makes a sound when it approaches something OR when something approaches it?



OR

Use the Tilt Sensor

The Tilt Sensor might be compared to balance. What things might happen if its balance changes?

1. Makes noise as it moves (one noise when it goes up; another when it goes down)?
2. Makes a racket if you pick it up?
3. Display pictures or words on the display screen if it is leaning one way or another?