Mars Cleanup Requirements

Kit 7

Introduction

We are asked to build a landing site cleanup rover for NASA’s Mars rover. Our rover will land and clear the landing zone from cans left by the local Martians. While alerting Martians of our operation. The longest this task will take us is 30 seconds. Our rover will then evacuate the area for the Mars rover to land.

Charter:

Functions:

1)

Preferences:

Nasa-

Working on the mars rover

Before the mars rover lands

Matins like to party.

Clear cans from the landing zone from the Martian.

12oz soda full cans.

Landing zone is black circle on white background.

Clear cans from landing zone.

Land anywhere in the zone.

Cans will be vertical

Time limit: 30 seconds.

Anything in the Lego kit.

3 cans in the circle.

Cubic foot of space.

After cans are moved. Need to move our rover.

Needs to beep when they move.

Different beeps for when they move. Forward one way. Back another.

Configure during.

Cans must be completely clear of the line

Display how long when you are pushing. R

Separate tone when robot is in contact with the can.