

# ROBOT

# ENGLISH

## Forward and Back Commands

step/move/drive forward/backward (quickly/slowly)  
freeze

## Turn Commands

turn/rotate/spin left/right (quickly/slowly)

## Gripper Commands

raise/lower the gripper/hand (quickly/slowly)  
open/close the gripper/hand  
grab/release the X

## Sounds

bleep/bloop/ching/chong/bing/bong/plink/plunk  
tweet/squawk/cluck/warble/crash/thump/toot/honk  
pause

## Object Properties Identified by Vision

red/orange/yellow/green/blue/purple/black/gray/white  
big/small/wide/narrow

## Reactions Based on Vision

If you see X, then Y  
(If you see a wide red thing, then spin clockwise)  
If you see X, then say Y  
(If you see a bear, then say get me out of here)

## Use “and” to perform in parallel:

Step forward quickly and beep, Robby

## Use “then” to perform as a sequence:

Please turn left then honk

## Use “to” for naming multiple actions

To X, Y then Z

(To cha-cha, step forward quickly then step backward quickly)

To X, Y and Z then W and V

(To slide, drive forward and toot then move backward and honk)

## Example Dialog

To dance, raise the gripper then spin left

To sing, bleep then bloop

Dance and sing

## Elaborate Reaction

To waltz, turn left turn right then turn left

To tango, turn right step forward step backward then turn left

To swing, step forward turn right turn left then step backward

To riff, thump thump thump then crash

To dance, waltz and riff then tango and riff then swing and riff

If you see a yellow thing dance