

Robot Feelings: The Kind Playground

The Story

Every day, we make LOTS of choices. Many of these decisions are small, and many are very important. Some of the most important decisions of our day are how we choose to treat the people around us. How we treat our friends can change how they are feeling. If someone is having a bad day, we can choose to do something nice for them, which might cheer them up! That's a great choice!

You know who has some trouble at making good choices about how to treat others? Our robot friend, Root! Root is still learning how to make kind choices when playing with friends.

In this game, we'll pretend that Root is driving around the playground. Root has to make four (4) kind decisions in a row in order to win the game. If Root makes a bad choice, it has to start all the way at the beginning again! Let's play together!

Materials

- Printed Decision Cards (attached)
- Coding Device (laptop, phone, tablet)
- code.iRobot.com or iRobotTM Coding App

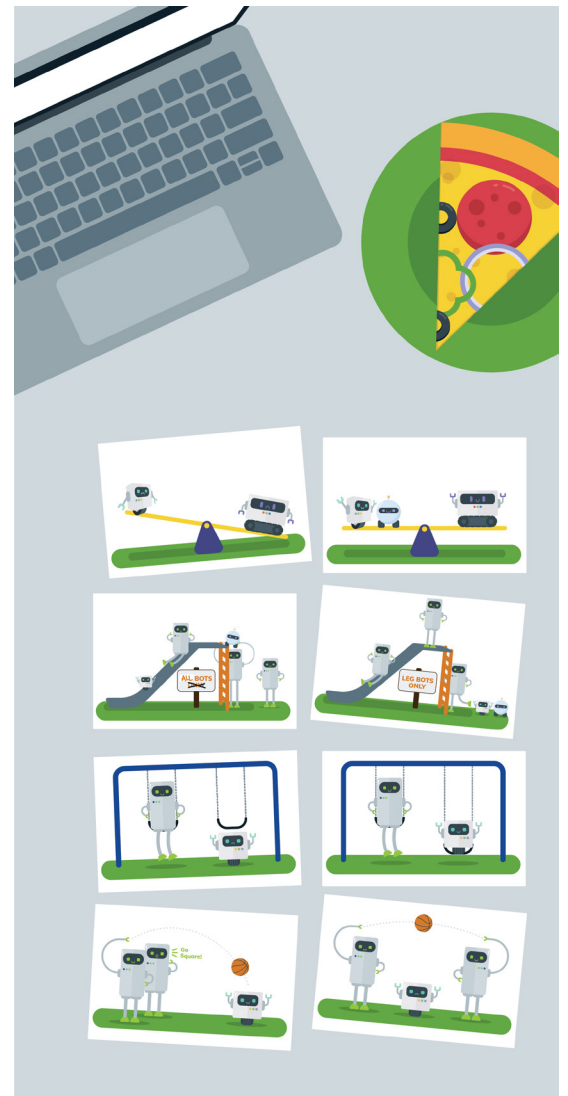
Building Your Gameboard

- 1) Print out your Decision Cards (attached).
- 2) Arrange your cards on your table or desk in four (4) rows. The first row should show the good and bad choices for "Decision 1," the second row should show the good and bad choices for "Decision 2," etc.
- 3) In our example (on right), we switched up which sides were good choices and which sides were bad choices.

- Example Board Reads:

#1 Bad Choice	#1 Good Choice
#2 Good Choice	#2 Bad Choice
#3 Bad Choice	#3 Good Choice
#4 Good Choice	#4 Bad Choice

- Customize which sides YOU place the good and bad choices per row.



Coding Introduction

- 1) On your coding device, open code.irobot.com or the iRobot™ Coding App.
- 2) Follow the steps in “How to Download Projects” (attached) to download the project “Playground Spinner” using the project code **RPQEU**. Open the project once downloaded.
- 3) This project codes Root to be a random spinner. Press Play and try clicking Root’s top in the Simulator. Root will turn left or right, wait one (1) second and then return to the center.
- 4) Use this random spinner program to try to get Root to turn towards all four of the good choices on your gameboard in a row!

How to Play

- 1) Make sure that your gameboard is assembled and you have the Playground Spinner code project open on your coding device.
- 2) Look at the first row on your gameboard. Which side is the good choice?
- 3) Press Play and click on Root’s top in the simulator on the screen. Did Root turn in the direction of the good choice? If so, repeat Steps 2-3 with the next row!
- 4) Keep playing until Root turns in the direction of a bad choice. If that happens, start at the beginning of your gameboard with Row #1. If you’re playing with a partner, swap turns whenever a bad choice is made.
- 5) How long will it take for Root to make four good choices in a row? The first player to run Root through the playground without making a bad choice wins!

Example

Example Game Board

#1 Bad Choice	#1 Good Choice
#2 Good Choice	#2 Bad Choice
#3 Bad Choice	#3 Good Choice
#4 Good Choice	#4 Bad Choice

With the board above, to win we would need:

Spin #1	Root turns RIGHT
Spin #2	Root turns LEFT
Spin #3	Root turns RIGHT
Spin #4	Root turns LEFT



Coding Extension

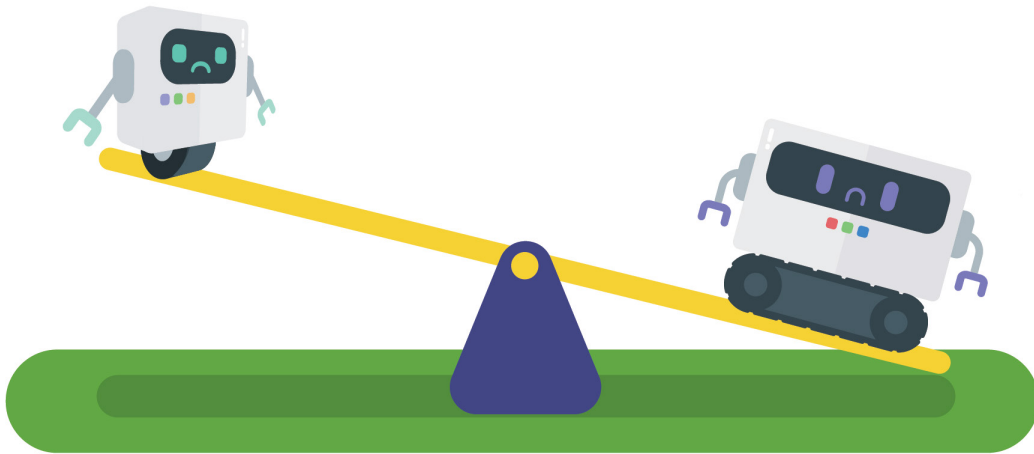
Are you tired of letting a robot make a bunch of bad decisions?

Create a new coding project to code Root’s path around the playground, making good choices every time!

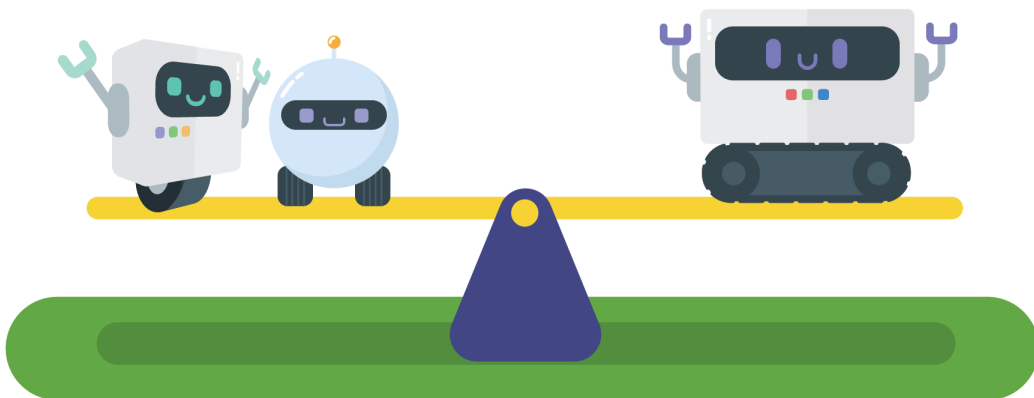
Decision Cards

Remember to be careful when using scissors!

Decision #1



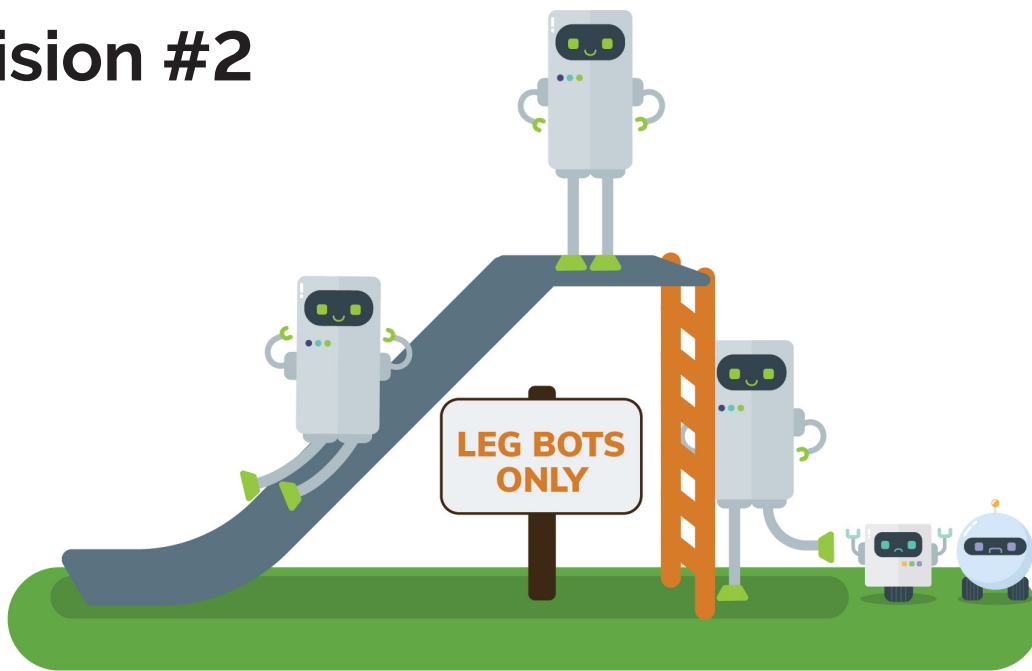
Decision #1



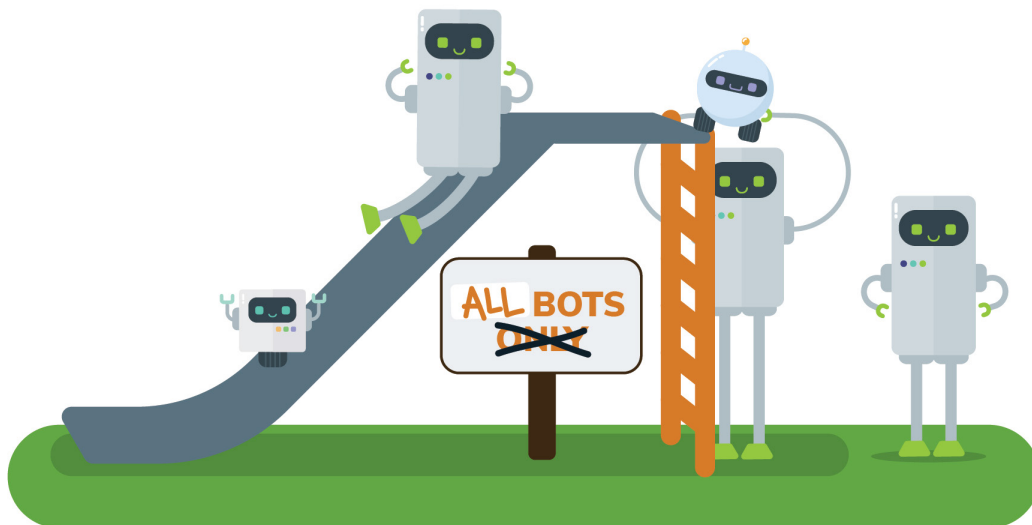
Decision Cards

Remember to be careful when using scissors!

Decision #2



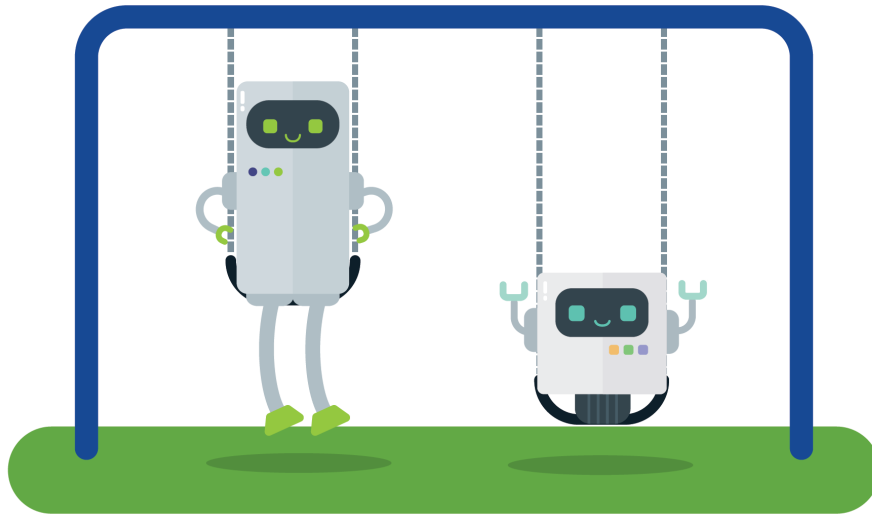
Decision #2



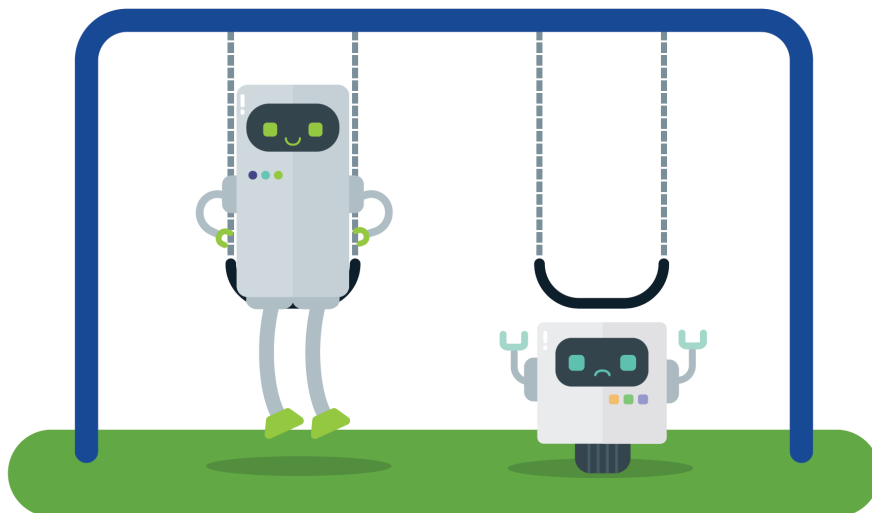
Decision Cards

Remember to be careful when using scissors!

Decision #3



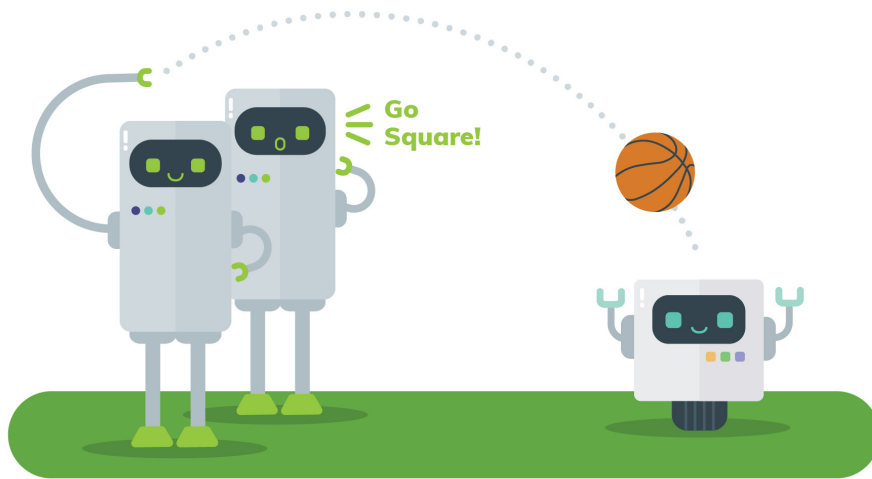
Decision #3



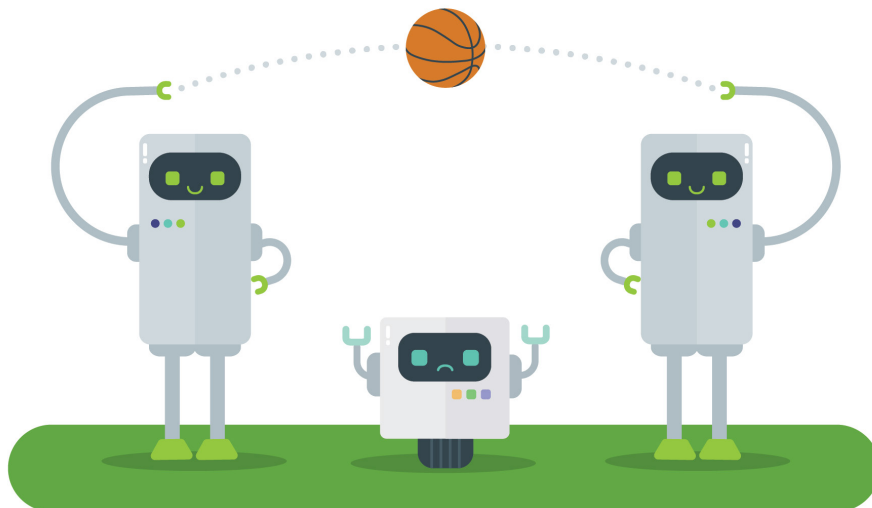
Decision Cards

Remember to be careful when using scissors!

Decision #4



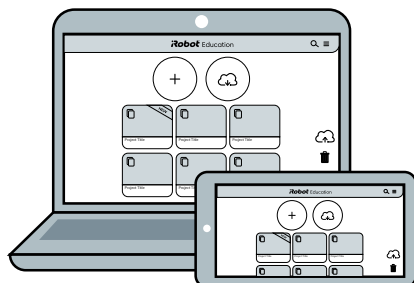
Decision #4



How to Download a Project

Follow these steps to download friends' iRobot™ Coding projects.

Step 1:



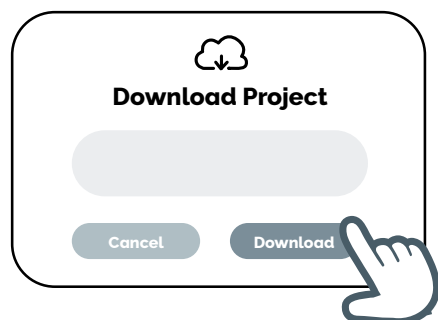
Visit **code.irobot.com**
or the **iRobot™ Coding App**

Step 2:



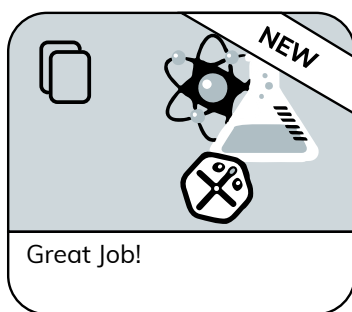
Click on the **Download Icon**.

Step 3:



Enter your 5-character project
code and click **Download**.

Step 4:



Open the downloaded project!