#### SPHERO PLAY APP

The Play app is your place for driving modes and in-app games.

Download the Sphero Play app on your mobile device at sphero.com/downloads.



- Turn on Bluetooth and launch the app.
- 3 Select your robot.
- Aim your robot (see activity 1.1)
- Select a drive mode.



**Hint:** It is at the bottom left corner of the Drive screen.

Go to Settings to adjust speed, color, volume and more.



Hint: It is at the top right corner of the Drive screen.

Use the Sphero Play app to complete the included activities.

### SPHERO EDU APP

The Sphero Edu app is your place for coding, learning, and sharing.

Download the Sphero Edu app on your mobile device at sphero.com/downloads.



- Turn on Bluetooth and launch the app.
- 3 Connect your robot.
- This is where you can code your robot with Draw, Blocks & Text.







**TEXT** 

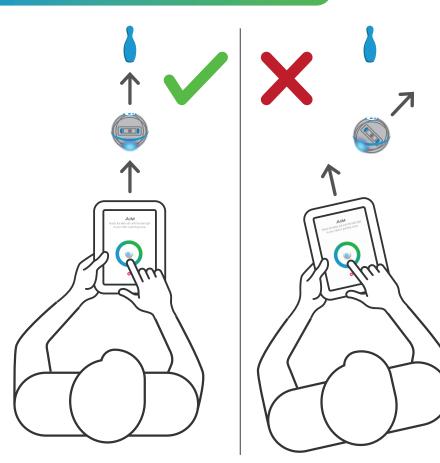
Create a program or try out an existing one.

## THE AIM GAME



Aim your robot so it goes where you want it to go.

#### BEGINNER



#### **IMPORTANT**

Re-aim your robot periodically or if it's not going where you want it to go.

### THE AIM GAME

- Set up a pin and stand behind your robot.
- Choose Joystick Mode. 🕟 > 🚺



Tap the aim icon in the app.



**Hint:** It is at the bottom of the screen in the center.

Mini has a front and back. The blue dot on Mini tells us which way it's facing. You always want the dot to be in the back, facing you.



**BACK** 

Press and spin the dot in the app until the dot on Mini is in the back, facing you. Congrats! Your robot is properly aimed.



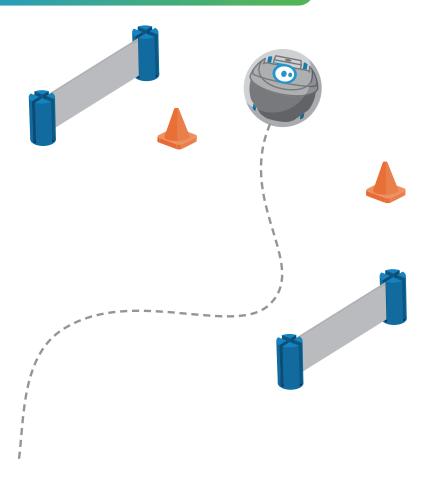
Now gently drag the joystick up to knock over the pin.

## DRIVER'S ED



Take a crash course in driving your robot.

**BEGINNER** 



**DRIVE MODE** 







#### **DRIVER'S ED**

From the Drive Modes menu, select a drive mode.



**Hint:** If you're already in a drive mode, tap the icon in the lower left to access the main menu.

For these activities, we'll be using Joystick, Slingshot, Tilt, and Kick modes.







Slingshot



Tilt



Kick

Try driving Mini between two cones using each drive mode.





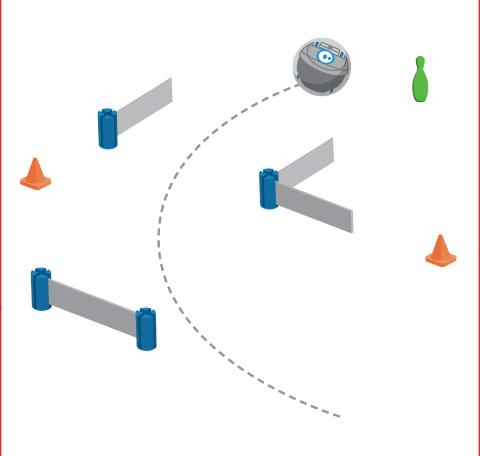


# SPEED FREAK



Learn how to make Mini go faster or slower.

**BEGINNER** 



**DRIVE MODE** 



JOYSTICK



### SPEED FREAK

Choose Joystick Mode and open Settings.

Hint: It is at the top of the screen on the right.

The middle slider is Speed. Slide it all the way to the left. This is the slowest speed.



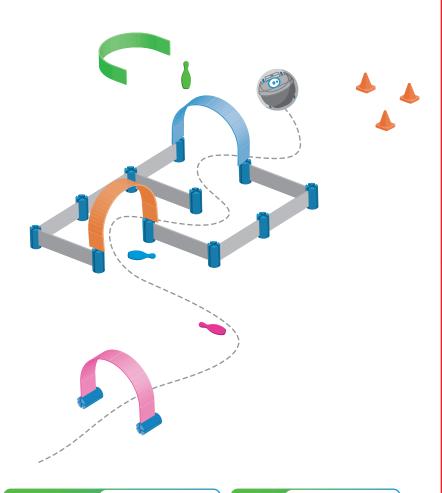
- 3 Close Settings.
- Build a 90 degree turn, aim your robot then drive it through the turn.
- Now try it again on the fastest speed.
- If you're having trouble controlling Mini during an activity, try adjusting the speed.

## A-MAZE BALLS



Use your creativity to construct your first cool course.

**BEGINNER** 



DRIVE MODE

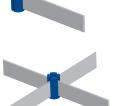


JOYSTICK



### **A-MAZE BALLS**

- Slide rails into connectors.
- Each connector has four slots so you can attach rails in different ways.



Slide arches into connectors. Arrange them vertically or horizontally.



Set up pins and cones.



Aim Mini and drive through your maze!

(See activity 1.1 for an aiming lesson)



## **GET THE LED OUT**



Customize the color of your robot.

**BEGINNER** 



### **GET THE LED OUT**

- Turn off the lights in the room. (Optional but awesome.)
- 2 Select a drive mode, then tap Settings.
- Drag the top slider to change the color. Drag the next slider down to adjust the brightness.



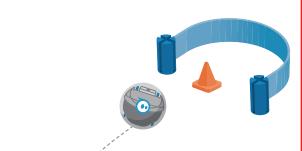
Place the pins on the ground. Change the color of your robot to the color of each pin and then knock them over one by one.

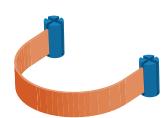
### **GOALIE MOLY**



Score a gooooaaaaaal with Mini.

**INTERMEDIATE** 





DRIVE MODE



KICK

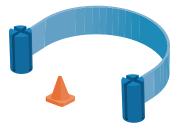


### **GOALIE MOLY**

- 1 Place an arch horizontally.
- Choose Kick Mode and aim Mini.



- 3 Score an open net goal with Mini.
- Now place a cone at the opening of the arch this is the goalie.



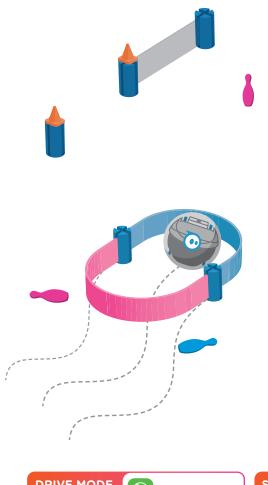
Try to sneak Mini into the goal without touching the cone.

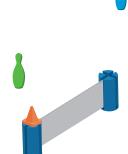
## DEMOLITION, MAN



Use Mini to topple all the things.

**INTERMEDIATE** 





DRIVE MODE



JOYSTICK

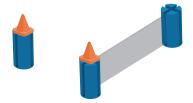


## **DEMOLITION, MAN**

1 Set up pins.



Place cones on top of connectors.



Connect two arches and place Mini in the middle.



Choose Joystick Mode and aim Mini.



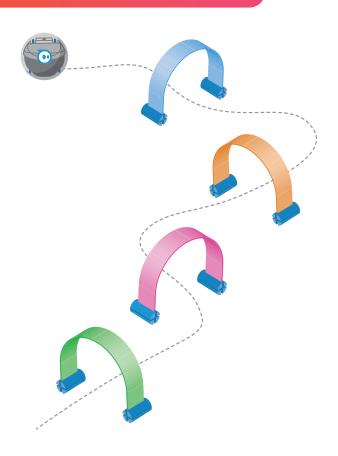
Push the arches around to knock over the obstacles.

### **BOT & WEAVE**



Send Mini through all four arches like an Olympic skier.

**INTERMEDIATE** 



DRIVE MODE



TILT



### **BOT & WEAVE**

Set up all four arches vertically.



Choose Tilt Mode and aim Mini.



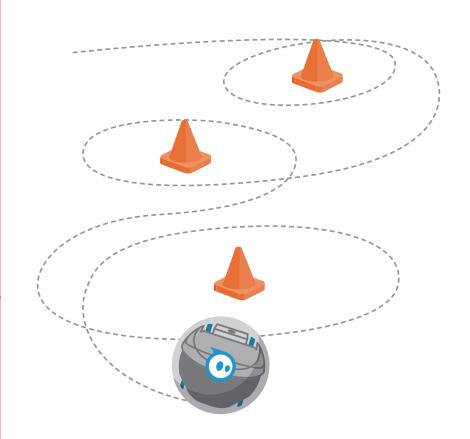
- Navigate Mini through each of the arches.
- Spread the arches out and try again.

### CIR-CONE-FERENCE



Make Mini circle the cones one by one.

**INTERMEDIATE** 



DRIVE MODE



JOYSTICK



### CIR-CONE-FERENCE

- 1 Spread the cones out on the floor.
- Choose Joystick Mode and aim Mini.



- Make Mini circle each cone once.
- Try again with Tilt Mode.

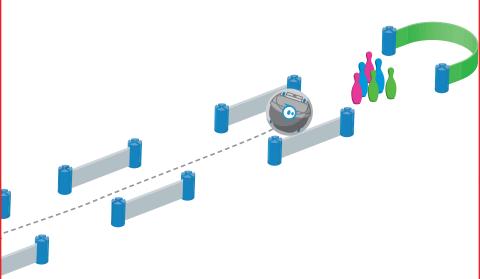


### **BOWLED OVER**



Turn your bot into a bowling ball.

**INTERMEDIATE** 



DRIVE MODE



SLINGSHOT

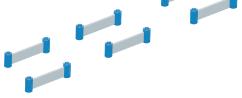


### **BOWLED OVER**

1 Set up all 6 pins.



Make a bowling lane with 3 rails on each side.



Choose Slingshot Mode and aim Mini.



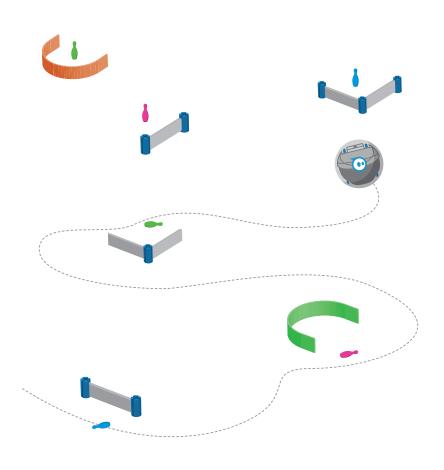
Knock down all the pins. Can you get a Turkey (3 strikes in a row)?

## PIN DOWN



Knock down all the pins as quickly as possible.

**ADVANCED** 



DRIVE MODE



TILT



### **PIN DOWN**

Set up pins all over the room.



Choose Tilt Mode and aim Mini.



- Can you knock them over in 45 seconds? 30? 15?
- 4 Include rails and arches and try again.



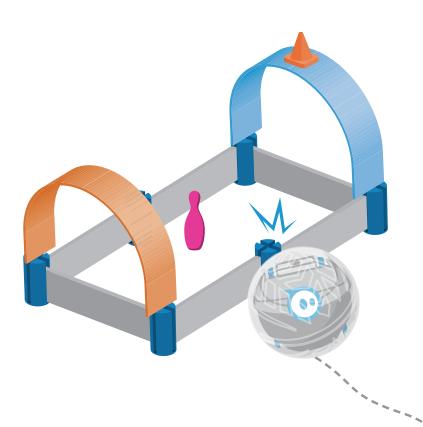


## PROTECT THE PIN



Put your engineering skills to the test by building a Mini-proof fortress.

**ADVANCED** 



DRIVE MODE



JOYSTICK





### PROTECT THE PIN

- Use the included accessories to build a strong fortress.
- Place a single pin inside it.
- Attach robotic ball cover. Choose Joystick Mode and aim Mini.





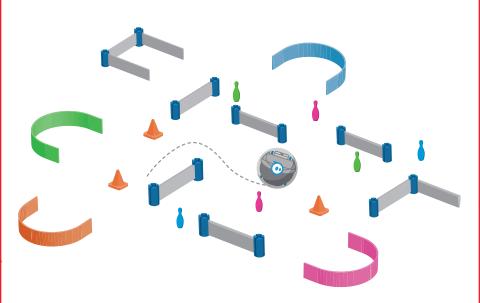
- 4 Drive Mini into the fortress.
- If your pin fell over, reinforce your fortress. If it didn't, increase the speed and try again.

### **ZOMBIE RUN**



Bunker down and survive the zombie apocalypse.

**ADVANCED** 



DRIVE MODE

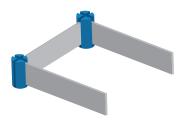


TILT



### **ZOMBIE RUN**

Connect three rails - this is the bunker.



Scatter pins, cones and connectors (the zombies) in front of the bunker.

Hint: Close your eyes while doing this.

Choose Tilt Mode and aim Mini.



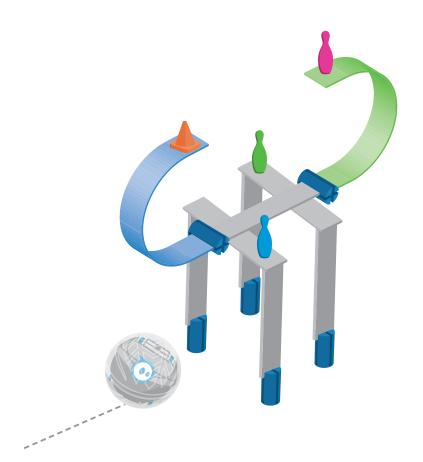
Carefully drive Mini into the bunker without touching any zombies.

### WRECKING BALL



All you have to do is break the walls.

**ADVANCED** 



DRIVE MODE





### **WRECKING BALL**

- Build a tall tower.
- 2 Attach robotic ball cover.



Choose Slingshot Mode and aim Mini.



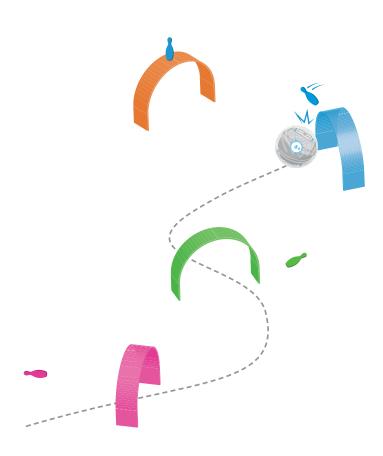
Smash into the tower. Can you knock it over completely with one hit?

## **ARCHIE BUMPER**



Show off your robot handling skills.

**ADVANCED** 



DRIVE MODE



TILT



### **ARCHIE BUMPER**

- Set up arches vertically and place pins on top.
- 2 Attach robotic ball cover.



Choose Tilt Mode and aim Mini.



- Knock over the pins without knocking over the arches.
- Try it again with Slingshot Mode and Kick Mode.