



SPHERO MINI:

AT-HOME LEARNING STARTER KIT GUIDE



HI THERE, WELCOME TO SPHERO!

We're thrilled that you're trying out Sphero for your home learning space. Whether learners are just getting started with programming and inventing or looking to grow their engineering and computational thinking skills, they'll find themselves at home within the Sphero Edu ecosystem.

WHAT IS THIS GUIDE?

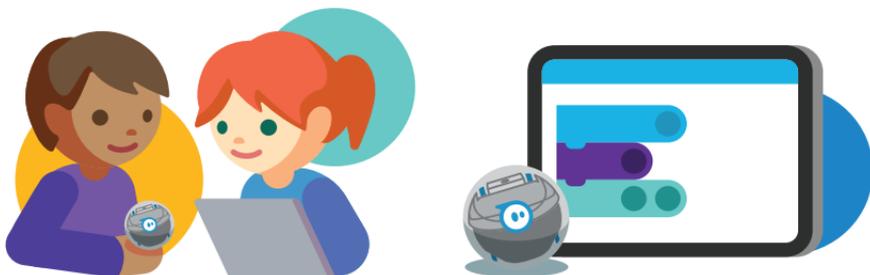
This guide will orient you to the content and support materials that come with Mini and Sphero Edu. We'll walk you through:

- Getting started with the Sphero Edu app and Sphero Play app.
- Understanding your Mini robot and how it can be used
- Activity pathways with the included Activity Cards based on focus area and skill level
- Supplemental Resources

PARENTS: START HERE!



Program your Mini in Draw, Blocks, or even JavaScript in the Sphero Edu app. Download the app on your device at sphero.com/downloads



QUICK START(RECOMMENDED)

iOS and Android users can select “Quick Start” from the home page. Chromebook users can download the Android client to access this option.

Note: You cannot save activities or programs in this mode.

CREATE ACCOUNT

Users can create a “Home User” account. Follow the steps at edu.sphero.com/ to create an account for your learner(s).

Note: Mac and windows users must create an account.

CLASS CODE

If using your robot in conjunction with your child’s school, you may receive information about using “Class Code” mode.



Drive and play games from the Sphero Play app.

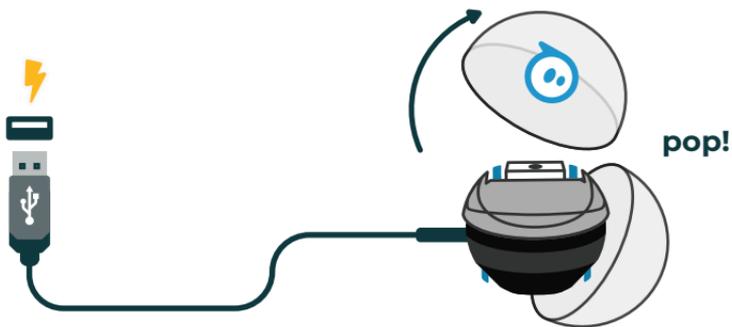
MEET YOUR MINI ACTIVITY KIT



The Sphero Mini Activity Kit has everything you need to get rolling with STEAM learning at home. Although the possibilities are endless, below are some ideas of how you could integrate Mini into your at home learning environment.

- Build your own mazes, obstacles, towers and other courses to navigate Mini through the living room or kitchen!
- Program Mini to go bowling!
- Teach Mini to spin a windmill!

CHARGING



- 1 Connect Mini via the Micro USB charging cable and plug into an AC wall plug.
- 2 Remove Mini's shell, locate the small micro USB charging port, and plug Sphero Mini into the power source.

CONNECTING WITH BLUETOOTH



- 1 Open the Sphero Edu or Sphero Play app.
 - 2 From the Home Page, select "Connect Robot".
 - 3 Select "Sphero Mini" from the list of robot types.
 - 4 Hold your robot next to the device and select it to connect.
- *Note: After connecting to bluetooth for the first time, there will be an automatic firmware update.*

CARE AND MAINTENANCE

Here are some tips for caring for your Mini:

- Mini is shockproof and can handle the elements. That being said, we don't recommend testing this theory from the top of your house.
- Mini is not waterproof.

SANITIZING

Below are Sphero's tips on how to clean and properly disinfect Sphero Mini.



1

Have the proper cleaning products, e.g. disposable disinfecting wipes (Lysol or Clorox or similar brands are best) or spray, paper towels (if using a spray) and disposable gloves.



2

Remove Mini's outer shell and wipe it inside and out. Allow to dry and place back on the inner robot ball. You can also wipe down the inside, but make sure no liquid gets inside the charging port or other openings.

3

Wipe down Mini's outer surface, anything that hands have touched

4

Allow Mini to dry completely before plugging it back into its charger.

ACTIVITY PATHWAYS

Your Mini Activity Kit comes with 30 step by step STEAM-inspired activity cards for independent learning. We've curated an activity guide that will help get you started.



Use the QR code scanner in the Sphero Edu or Sphero Play app to scan the QR code on the front of each card to load the appropriate code in the app. The card will indicate the appropriate app to use.

SPHERO EDU CARDS



DRAW

Manual Movement, Distance, Direction, Speed, and Color



SCIENCE

Battering Ram



TECHNOLOGY & ENGINEERING

The Aim Game
Shifting Gears
Street Cleaner



ART

Tunnel of Fun



MATH

Shape Shifter



BEGINNING BLOCK

Roll, Delay, Sound, Speak, and Main LED



SCIENCE

Archie Ball



TECHNOLOGY & ENGINEERING

Off the Wall

Save the Cat



ART

Pop 'N' Block



MATH

90 Degree Bowling



INTERMEDIATE BLOCK

Simple Controls (Loops), Sensors, and Comments



SCIENCE

Ballecules (Note: Activity calls for 2-3 Minis. You can use a golf ball as the extra "mollecule" instead of a second Mini.)



TECHNOLOGY & ENGINEERING

Around the Block
Capture the Flag



ART

Plot Bot



MATH

Spin the Windmill

SPHERO PLAY CARDS

BEGINNER



JOYSTICK

The Aim Game
Driver's Ed (All modes)
A-Maze Balls
Get the LED Out
Speed Freak

INTERMEDIATE



JOYSTICK

Demolitoin, Man
Cir-Cone-Ference



SLINGSHOT

Bowled Over



TILT

Bot & Weave



KICK

Goalie Moly

ADVANCED



JOYSTICK

Protect the Pin



SLINGSHOT

Wrecking Ball



TILT

Pin Down

Zombie Run

Archie Bumper

SUPPLEMENTAL RESOURCES

For more information about Sphero and to get involved in our community you can find links to additional resources below.

SPHERO BLOG: <https://sphero.com/blogs/news>

SUPPORT: <https://support.sphero.com/>

COMMUNITY FORUM: <https://community.sphero.com/>

CONTACT US: <https://sphero.com/pages/contact-us>

