

Inspiring tomorrow's Inventors & Innovators



What is Sphero SPRK+?

The SPRK+ Robot was designed to inspire curiosity, creativity and invention through connected play and coding. However, SPRK+ is far more than just a robot. Powered by the Lightning Lab app, you can easily learn programming, complete hands-on activities, and share your creations with the community. Navigate a maze. Program a painting. Mimic the solar system. Swim across the water. Have a dance party...the only limit is your imagination. A robot ball with several features that can be controlled through mobile apps, including computer programs that the students build. The main features are:

- **Rolling.** The Sphero can roll at a given speed and heading for a given amount of time.
- **Colours.** The Sphero can light up in any colour.
- **Bluetooth.** Sphero connects to devices such as iPads®, iPhones, and Android phones and tablets through wireless Bluetooth connections. This allows the Sphero to be controlled by a number of apps.
- **Programming.** After combining commands, see the code and use this as a foundation to learn more about programming.

There's no rule that says learning shouldn't be fun, or that playing can't be valuable. If there is, SPRK Edition was created to break it. SPRK makes the skills of the future approachable and practical. And most importantly, fun!

How can I use Sphero in the classroom?

Get rolling with the Sphero app

The SPRK app is designed to appeal to everyone – it is simple enough for beginners of all ages, yet sophisticated enough to challenge seasoned programmers.

Control Sphero from your smartphone or tablet, change colours, complete challenges, earn tricks, and more. The SPRK app experience lets you give your robot the orders with visual blocks representing code - Sphero's own C-based language called OVAL. Immediately see the connection between the program you created and how your Sphero works and reacts. The more you play with Sphero, the better it gets!

Driving

Create obstacle courses and drive circles around your friends with the Sphero app. Or trace an on-screen path with Draw 'n' Drive and watch Sphero replicate your design on the ground. Driving apps put you in control of Sphero - no license required.

Teach Your Robot

Download SPRK lessons, learn the basics of programming, and actually have fun doing it. Then unleash Sphero's inner robot and program like a pro using the SPRK Lightning Lab, MacroLab and OrbBasic apps. The more you play, the smarter you get. Combine simple commands like roll, flip, spin, and colour change to create complex instructions for your robot to follow.

Sphero SPRK+ Upgrades & Features:

- Bluetooth low-energy connection.
- Scratch resistant water proof shell.
- Programmable movement & LEDs.
- Gyroscope & Accelerometer.
- Freefall & collision detection.
- Raw motor control.

Augmented Reality

Turn your world into a real life video game. Augmented reality apps put virtual 3D characters in any environment just by looking through the camera on your device. Play The Rolling Dead and battle against virtual zombies as they spawn out of the ground or turn Sphero into everyone's favourite semi-aquatic rodent - Sharky The Beaver. Welcome to the future.

Arcade

Hold Sphero for a different spin on handheld gameplay. Tilt and twist to control your spaceship in apps like Exile and discover other games that you can play on the go. Arcade-style apps put a world of gaming in the palm of your hand. You've never seen a game controller like this.

Tabletop

Turn Sphero into the life of the party. Tabletop games are a reinvention of classic board games for the smartphone generation. Challenge your memory and coordination in a game of Chromo or turn Sphero into a ticking time bomb in Pass the Sphero - a new spin on Hot Potato. Game on.

Multiplayer

Gather friends and family around for multiplayer fun. Use Sphero's collision detection technology in a game of multiplayer TAG or swing your phone like a club to make Sphero roll in a round of Golf. All that's missing is the caddy.



Sphero SPRK+ Edition

Not only can the SPRK+ be used to teach kids basic block based coding, it also can be used with the 35+ apps that work with Sphero for family games, driving app and much more.

The new SPRK+ has a glossy finish with a stronger, scratch-resistant UV coating, the inside PCB board is now blue and the ball pairs slightly differently to the iOS / Android device.

SPRK+ will foster a love of robotics, coding, and STEAM principles... all through play.

Designed to inspire curiosity, creativity, and invention through connected play and coding, SPRK+ is far more than just a robot. Powered by the Lightning Lab app, you can easily learn programming, complete hands-on activities, and share your creations with the community.

- New Bluetooth SMART gives near instant connection - ideal in a multi-robot environment such as the classroom.
- Equipped with a stronger scratch-resistant UV coating.
- Powered by the newly upgraded Lightning Lab app that allows collaboration with other users worldwide.

Pack includes:

- Sphero SPRK+.
- Inductive charging base with USB charging cable.
- Genius kit with maze tape, protractor, notebook and pencil.
- Quick start guide to get you rolling problem free.
- Sphero SPRK Lightning app available for download in the App Store, Google Play and Kindle Store.

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Education Pack also available and includes:

- 12x Sphero SPRK+.
- 12x Inductive charging base with USB charging cable.
- 12x Maze tape, 360 degree protractors and sticker sheets.
- 12x Quick Start guide to get you rolling.
- Sphero SPRK Lightning app available for download in the App Store, Google Play, and Kindle Store

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* iPad® not included. Education Pack not shown.

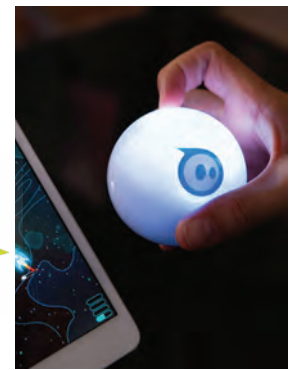


Sphero 2.0 - The App-Enabled Ball

Meet Sphero - the app-enabled ball that does it all. Intelligent and well-rounded, Sphero lets you play, learn, and explore. Create obstacle courses, turn your classroom into a video game with augmented reality apps, and upgrade classroom games with multiplayer fun.

Sphero connects via Bluetooth with your iOS, Android, or Windows device. Powered by induction charging, Sphero rolls up to 2 metres per second and glows in more colours than you can imagine. This virtually unstoppable companion is waterproof, pet-proof, and ready for any adventure. It's time to upgrade your play.

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Sphero Accessories



Sphero Nubby Cover

Protect your Sphero SPRK or Sphero 2.0 against the elements with a custom Nubby Cover. Not only do Nubby Covers protect against scratches and scuffs, they also give you unbeatable traction.

ACBBU Sphero Blue \$web
ACBOR Adventure Orange \$web
ACBYE Cyber Yellow \$web

*Sphero not included.



Sphero Turbo Cover

Kick fun into high-gear with a custom Turbo Cover for Sphero SPRK and Sphero 2.0. While protecting against scratches and scuffs, Turbo Covers give you the traction and control to speed past your competition.

ATC001CAR Carbon \$web
ATC001RED Red \$web

*Sphero not included.



Sphero Terrain Park

Get vertical with the all new Sphero Terrain Park. Ramp, roll and ride the rails. With five challenging configurations, the customisable Sphero Terrain Park puts your skills to the ultimate test.

ATPBL Each \$web

*Sphero not included.



Sphero Chariot

Put your round robot in the driver's seat with the Sphero Chariot. Let it carry cargo, turn it into the ultimate spy-bot by adding a phone to the custom carrier, snap on toy building bricks to design your own creation, or just battle friends in an all out chariot race.

ACH001BLK Black \$web
ACH001BLU Blue \$web

*Sphero not included.

More Sphero products available on our website www.kookaburra.com.au

Please visit our website www.kookaburra.com.au for the latest pricing