Meet Sphero Indi

Indi is a screen-free, colour-sensing car robot designed to introduce young learners to coding, problem-solving, and computational thinking through hands-on play.

Kit Contents

- Sphero Indi car
- Charging cable
- 15 challenge cards
- Instructions
- 20 silicone coloured tiles
  (3 blue, 3 pink, 3 green, 3 orange,
  3 teal, 2 red, 2 yellow, 1 purple)
- Case

If you notice pieces are missing, please speak with a staff member at the Help Desk.

Getting Started with Sphero Indi

Charging

- Plug the included USB Micro B cable into Indi and the other end into a USB port or wall adapter.
- It takes about two hours to fully charge.
- After charging, press the power button on the back, and Indi will be ready to move with a sound.
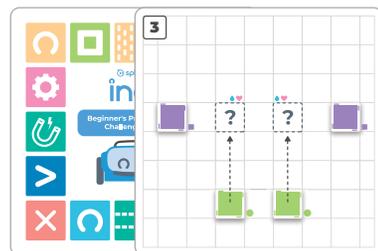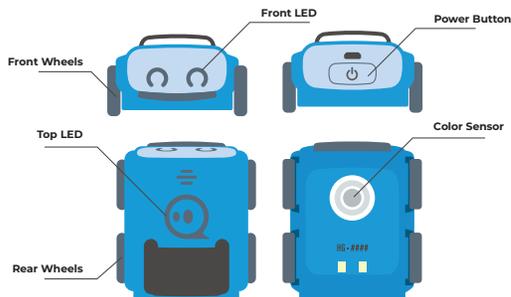
Understanding the Colour Sensor

- Each colour tile is pre-programmed to instruct Sphero Indi how to move and operate.
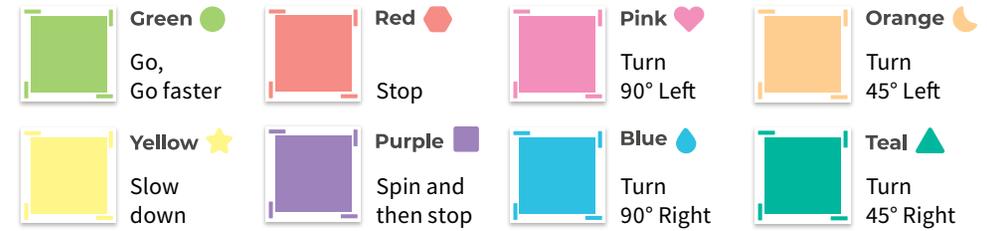- Kit comes with 20 durable silicone tiles.

Challenge Cards

- Each Kit includes a set of 15 Beginner's Programming Challenge Cards.
- The grid on each challenge card helps students visualize colour tile spacing.
- Challenge Cards are designed for independent learning and may require additional direction by parents before first use.

How Does Sphero Indi Work?

Colour-driven programming: Indi uses a sensor to detect and respond to coloured tiles.

Basic Commands:

Green ●	**Red** ⬡	**Pink** 💗	**Orange** 🌙
Go, Go faster	Stop	Turn 90° Left	Turn 45° Left
Yellow ⭐	**Purple** ■	**Blue** 💧	**Teal** ▲
Slow down	Spin and then stop	Turn 90° Right	Turn 45° Right

Helpful Tips to Play with Sphero Indi

- Indi only starts on green tiles, and stops on red or purple tiles.
- When Indi goes around the same track for the second time, its speed is much faster than the first time.
- Indi can travel up to 1 meter after reading a card, even without the next card.
- If green tiles are placed continuously without gaps, Indi may not be able to control its speed and might not move as intended.

Level Up Coding with Sphero Edu Jr App

- Level Up Learning: Move from screenless colour coding to drag-and-drop blocks in the Sphero Edu Jr app.
- Drive Indi with joystick modes: No colour tiles needed, plus control driving speeds.
- Customize Colours & Sounds: Change Indi's light and sound settings.
- More Activities: Build mazes and solve puzzles.
- Reprogram Indi: Create new reactions whenever it senses a colour tile.
- Send new programs directly to Indi: Enjoy device-free play without using the app.
- Reset Indi: Use the refresh button in the app or hold the power button on the back of Indi for 5 seconds. Please reset Indi before returning it to the Library if you used it with the Sphero Edu Jr app.

For more information, visit sphero.com/pages/sphero-indi