



Why Robotical Cog?

Robotical Cog is an innovative physical computing device that bridges the gap between physical computing and on-screen programming. Cog makes abstract coding concepts tangible and helps students understand how code works in the real world.

INPUTS

LIGHT SENSORS

TILT, ROTATION AND PROXIMITY SENSORS

FORCE SENSITIVE BUTTON

OUTPUTS

13 MULTICOLORED LEDs

BUILT IN SPEAKER

INTERACTIVE CONTROL OF ONSCREEN SPRITES

Key Benefits:

Make coding tangible

Students can see and feel their code in action, reinforcing key computing concepts and improving retention.

Engage every learner

From ages 4+, Cog supports learners with guided activities, while sandbox mode lets them explore independently.

Seamless classroom integration

Cog works with the free Robotical app, where students can code in Blocks Jr and Blocks, and interact with digital environments in real time.



Teacher support included

Hands-on training is available from the Robotical team with purchases of at least 20 Cogs.

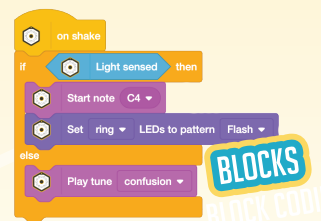
A cost-effective investment in STEM

At an accessible price point, Cog is affordable enough for each student to have one.



For ages 4+
Interactive games teach the basics of how to program Cog.

For ages 6+
Block-based programming with text-free symbols and a horizontal layout.



For ages 8+
Text-based blocks offer more functionality and a vertical layout, similar to how code is written.