

Real-life detective

Where is the infrared (IR) sensor hiding?

YOUR MISSION

An IR sensor uses invisible infrared light to sense things. It sits inside more gadgets than any other sensor on Earth. Find at least six this week.

CHECKLIST - TICK EACH ONE YOU FIND

- ☐ Your TV remote - point it at your phone camera and press a button. You will see the invisible light flash.
- ☐ A public restroom auto-flush toilet.
- ☐ A touchless hand sanitiser dispenser.
- ☐ An escalator entry sensor.
- ☐ A shop entrance air curtain that starts as you walk in.
- ☐ A motion-sensing hallway or stairwell light.
- ☐ Your own phone - the screen dims during a call because an IR sensor detects your ear.
- ☐ A lift door safety sensor - wave your hand and the doors stay open.

BONUS - SOMETHING YOU DISCOVERED

SIGNED BY DETECTIVE

Name: _____ Date: _____