



## Pre-Mission Preparation

CodeX has a built-in light sensor. What real-world projects can it be used for?

### Mission Objective #1 - Fill in the blanks

The light sensor is a [--] [--]. It can measure both [--] and [--] wavelengths. The light sensor converts light intensity to a [--] [--] [--].

### Mission Objective #2

Change the light shining on the sensor. Write down your observations.

Amount of light	Value from reading the sensor
Room light	
Bright light (flashlight)	
Dark (cover with hand)	

## Post-Mission Reflection

What real-world applications use light sensors?

You have now completed 10 coding missions and several remix projects. Reflect on your experience learning to program.

What have been the challenges to learning to program?

What have been the rewards in learning to program?