

Name: \_\_\_\_\_



# FIRIA LABS MISSION 12 LOG

## Pre-Mission Preparation

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

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## Mission Activity: Objective #1

Use the toolbox to answer this question:

The light sensor is a \_\_\_\_\_  
\_\_\_\_\_. It can measure both \_\_\_\_\_  
and \_\_\_\_\_ wavelengths. The light sensor converts light  
intensity to a \_\_\_\_\_.

## Mission Activity: 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?: \_\_\_\_\_

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You have now completed 10 coding missions and several remix projects.

Reflect on your experience learning to program.

What have been the challenges in learning to program?

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What have been the rewards in learning to program?

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