

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



**FIRIA LABS**

## **MISSION 12 REMIX LOG**

### **Pre-Mission Preparation**

Mission 12 introduced the light sensor. What are some digital devices that might have a light sensor in it? \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Remix Step 1:** Review your code from Mission 12

**Mission 12: Night Light** What does this program do?

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

What programming concepts and skills did you learn and use?

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Remix Step 2:** Describe what your remix project will do:

\_\_\_\_\_

\_\_\_\_\_

**Remix Step 3:** Plan your code. What variables, if statements, and buttons will you use in the project? You might not use all of them. You do not need to list all the variables used for scaling the raw data.

Variable / Constant	What value will it be, or what will be used for?

Conditions (if statements)	What it will do

Button	What it will be programmed to do:

**Remix Step 4:** Write your code.



Go to the sandbox to write your code. Write just a few lines at a time and test often.

**Remix Step 5: Peer Feedback Form**

Name of student completing the form: \_\_\_\_\_

What do you like about the program -- be specific:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Give at least one suggestion. Begin with "What if..." or "Maybe you could..."

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Peer or Programmer feedback form**

What do you like about the program -- be specific:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

What do you want to improve, change or add?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Post-Mission Reflection

What programming concepts did you use in your project (variables, functions, lists, loops, conditionals, button input, etc.)?

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What are some reasons you would give your friend for learning to program?

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