Name:



**MISSION 12   
REMIX LOG**

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| --- | --- |
| **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 did you learn and use? |  |
| **Remix Step 2** | |
| Describe what your remix project will do: |  |
| **Remix Step 3: Plan your code. What variables will you use in the project?** | |
| What variables will you use in the project? Fill in the chart.  *You do not need to fill in every line, or you can add more.* | |  |  | | --- | --- | | Variable Name | What it will be used for: | |  |  | |  |  | |  |  | |
| What if statements / conditions will you need? *You do not need to fill in every line, or you can add more.* | |  |  | | --- | --- | | Conditions (if statements) | What it will do: | |  |  | |  |  | |  |  | |
| What buttons will you use in the project? *You do not need to fill in every line if you won’t use all the buttons.* | |  |  | | --- | --- | | Button | What it will be programmed to do: | |  |  | |  |  | |  |  | |  |  | |
| **Remix Step 4: Write your code** | |
| Use the sandbox  when you write the code. Write just a few lines at a time and test often. | |
| **Remix Step 5: Commenting and feedback** | |
| Documentation | * Make sure your code is readable by adding blank lines * Add comments to sections of your code that explain what they do |
| Peer feedback | Get feedback from two (or more) people. You can be one of the peer reviewers. |
| Peer Review #1 Name: |  |
| What do you like about the program – be specific! |  |
| Give at least one suggestion. Begin with “what if” or “maybe you could” |  |
| Peer Review #2 Name: |  |
| What do you like about the program – be specific! |  |
| Give at least one suggestion. Begin with “what if” or “maybe you could” |  |
| Review the comments. Then take time to improve or add to your project. | |
| **Post-Mission Reflection** | |
| What programming concepts did you use in your project (variables, functions, lists, loops, conditionals, button input, etc.)? |  |
| What are some reasons you would give your friend for learning to program? |  |