

Activity Sheet  
Scientist:

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**Review**

I am a light source created by humans! You can call me:	I am a light source that is created without human intervention. You can call me:
Examples:	Examples:

**Scratch**

Here is a space where you can make notes about how to use Scratch! You can write/draw whatever information will help you create your game.

## Coding

Draw your code for a light source sprite.



Draw your code for a sorting box.



## Peer Evaluation

When you're finished your sorting game, find a classmate to play your game. They will complete and sign the checklist below.

- Three sources of natural light
- Three sources of artificial light
- Artificial light sorting box
- Natural light sorting box
- Each light source disappears when dropped onto the correct sorting box
- I told my classmate that they did a great job 😊

Signature: \_\_\_\_\_

Now that you've beaten the challenge, try adding more detail to your game. Can you: Add a point counter? Add sound effects? Add a celebration screen when the game is finished? The sky's the limit!

## Reflection

What was the *big* problem we had to solve today in Scratch?

What was a *small* problem that we found in the *big* problem? (I.e., How did we break down the big problem into easier to solve smaller problems?)

Today we looked at many different sources of light, but do all types of light have the same benefit? With a partner, find one advantage and one disadvantage for natural light and artificial light.

Natural Light	
Advantage	Disadvantage

Artificial Light	
Advantage	Disadvantage