



Performing Arts Virtual Learning

**7 & 8 Stagecraft
Lighting Design**

May 22, 2020



7 & 8 Stagecraft

Lesson: May 22, 2020

Objective/Learning Target:

Students will review basics of lighting terminology, color in lighting, and design tools.

The Basics of Lighting

Let's Get Started / Warm Up Activities:

While watching David Hockney discuss the magic of theatrical lighting, think of the role of color in lighting design.



[On the magic of theatrical lighting](#)



Lesson/Activity



In the previous lessons, you learned a lot of new information about color in lighting, circuitry and gobos. Today we will review all of that information!

- 1. On each slide there will be questions, do your best to answer each. Make sure you label the numbers.**
- 2. You will then have the answers to check your learning.**

Activity Questions



1. What are the primary colors of light?
2. When shining all together at the same intensity, what color do the primary colors make?
3. What are the secondary colors?
4. What color does red light reflect?
5. List the important information to include in a light plot?
6. If a costume designer has a lady in a long red gown standing on a balcony, can the light designer have only blue lights to represent night? Why?
7. If you are on a light crew and need a purple gel, but you do not have one, can you just use a red and a blue gel together to make the purple one? Why?



Check your answers:

1. Red, Blue & Green
2. White
3. Magenta, Amber & Cyan
4. Red
5. Type of instrument, wattage, circuit, dimmer, color.
6. No. The red gown would no longer look red. It would look black.
7. No. The colors would filter each other out and you would be left with no color.

Activity



While watching the Dear Evan Hansen performance from the Tony Awards, think of the role lighting plays in telling the story.



[Dear Evan Hansen: Waving Through a Window](#)



What have you learned?

On the following slides there will be multiple questions.

Using a piece of paper, do your best to answer each.

Make sure you label the numbers.

You will then have the answers to check your learning.

1. Is this an example of motivational or non-motivational lighting?



2. Is this an example of motivational or non-motivational lighting?



3. Is this an example of motivational or non-motivational lighting?



4. Is this an example of motivational or non-motivational lighting?



5. Is this an example of motivational or non-motivational lighting?





Check your answers:

1. **Motivational.** The light is clearly coming through the windows as a specific light source.
2. **Non-motivational.** There is not a specific light source, the stage is just lit for visibility.
3. **Motivational.** The light is coming primarily from the doorway.
4. **Motivational.** Although there is blue lighting in front of them, the main light source of warm key light is from the light behind the table.
5. **Non-motivational.** There is not a specific light source, the stage is lit for visibility and to establish a mood.