GRADES 1 to 12 DAILY LESSON LOG	School:		Grade Level:	
	Teacher:	Depedtrends.com	Learning Area:	
	Teaching Dates and Time:		Quarter:	

I. OBJECTIVES	
A. Content Standards	The learners demonstrate an understanding of the characteristics of light.
B. Performance Standards	The learners shall be able to suggest proper lighting in various activities
C. Learning Competencies Write the LC code for each	Relate characteristics of light such as color and intensity to frequency and wavelength. **S7FE – IIIf-10**
D. Learning Objectives	1. Observe how primary colors combine to form other colors using the color spectrum wheel.
II. CONTENT	**Characteristics of Light ; Colors, Frequency, and Wavelength**
III. LEARNING RESOURCES	
A. References	
1. Teacher's Guide pages	221-223
2. Learner's Materials pages	230-234
3. Textbook pages	
4. Additional Materials from Learning Resource (LR)portal	
B. Other Learning Resources	
IV. PROCEDURES	
A. Reviewing previous lesson or presenting the new lesson (2 mins.) elicit	What are the primary colors? How about the secondary colors?
B. **Establishing a purpose for the lesson (1 min.) Engage**	What do you expect to form when red and blue combine? How about blue and yellow?
C. Presenting examples/ instances of the new lesson Explore (2-5 mins.)	"Guess where I came From?" The teacher will ask selected students to think what colors were combined which resulted to the following colors; Green, Orange, Violet. Key Question: Are the result of these color combinations the same when the colors of light combine? Why?
D. **Discussing new concepts and practicing new skills #1 Explain (15 mins.)**	Group Activity Perform Activity 3 Part 3: "Combining Colors (LM pages 233-234) Key Question: Are the colors of the plastic filter the same with the color that you see projected on the screen? What are the resulting colors when you do the color combination? (Table 5 LM page 234)
E. Discussing new concepts and practicing new skills#2 (10 mins.)	"Show Me Your Color" Each group will be asked to demonstrate the color combination using plastic filters and flashlights. The group will use their answer on Table 5 as MOV.

F. Developing mastery (Leads to Formative Assessment 3) (12 mins.) Elaborate	The teacher will show certain color using colored paper. Students will identify the colors which were combined. Example: *Cyan is the result of the combination of green and blue* Note: For other color combination and resulting color, refer to TG page 225.
G. Finding practical applications of concepts and skills in daily living (3 mins.)	The teacher will discuss how colors of light combine. Please refer to the attached sheet for your reference.
H. Making generalizations and abstractions about the lesson (3 mins)	Can you cite an instance which shows concept or product of combining colors? How can you relate it to the colors of a rainbow?
I. Evaluating learning (8 mins)	Developing mastery will serve as the formative assessment.
J. Additional activities for application or remediation (1 min)	Compare the result of the activity with the result when you use the Color Spectrum Wheel.
V. REMARKS	
VI. REFLECTION	
A. No .of learners who earned 80% on the formative assessment	
B. No. of learners who require additional activities for remediation.	
C. Did the remedial lessons work? No. of learners who have caught up with the lesson.	
D. No .of learners who continue to require remediation	
E. Which of my teaching strategies worked well? Why did these work?	
F. What difficulties did I encounter which my principal or supervisor can help me solve?	
G. What innovation or localized materials did I use/discover which I wish to share with other teachers?	

Prepared by:

Checked by

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Teacher

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School Head

Observed by:

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