

# Tuesday, December 4, 2018

## Your Learning Goal:

Students will explore the light properties of reflection, absorption and transmission by shining lasers through gummy bears!

## Table of Contents:

**Absorption Gummies– 24L + R**

## Catalyst (24L):

Write down what you know and how these terms are related.



### Homework:

Light Study Guide Due  
Thursday/Friday



### Agenda:

1. Catalyst
2. Gummy Bears!
3. Reflection

# Table of Contents

<u>Date</u>	<u>Assignment</u>	<u>Pg #</u>
10/25/18	Atomic Jeopardy	16 L + R
11/6/18	Star Bright	17 L + R
11/8/18	Heartbeat Frequency	18 L + R
11/13/18	Spring Into Waves	19 L + R
11/26/18	EM Spectrum Hero	20L + R
11/27/18	Reflections	21L + R
11/29/18	Spectacular Spectra	22L + R
12/3/18	Through the lens of the EM Spectrum	23L + R
12/4/18	Absorption Gummies	24L + R

Catalyst:

Write down what you know and how these terms are related.

**24L**

12/4/18

Absorption Gummies

Prediction:

Prediction:

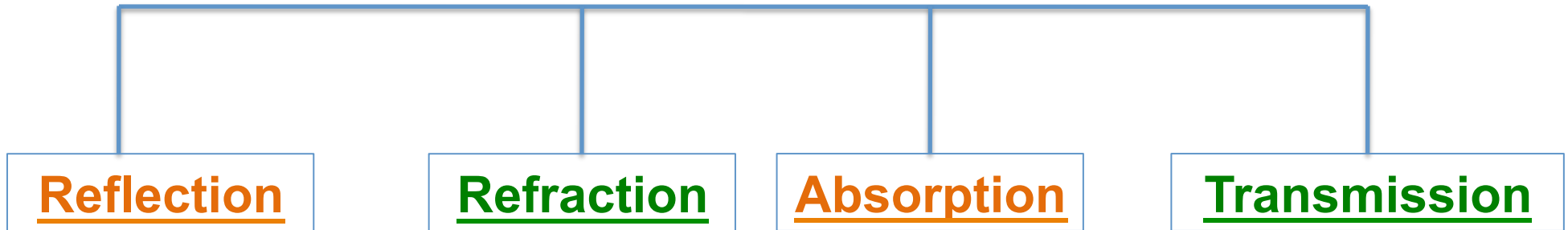
Prediction:

**24R**

# Catalyst

## 24L

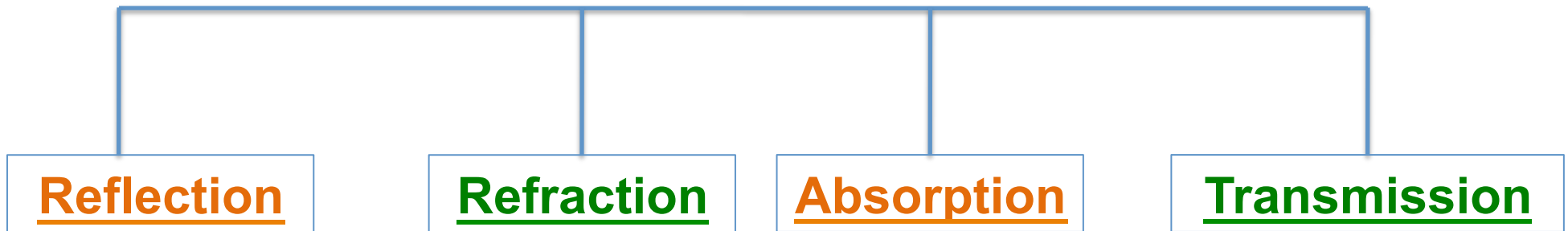
Write down what you know and how these terms are related.



# Catalyst

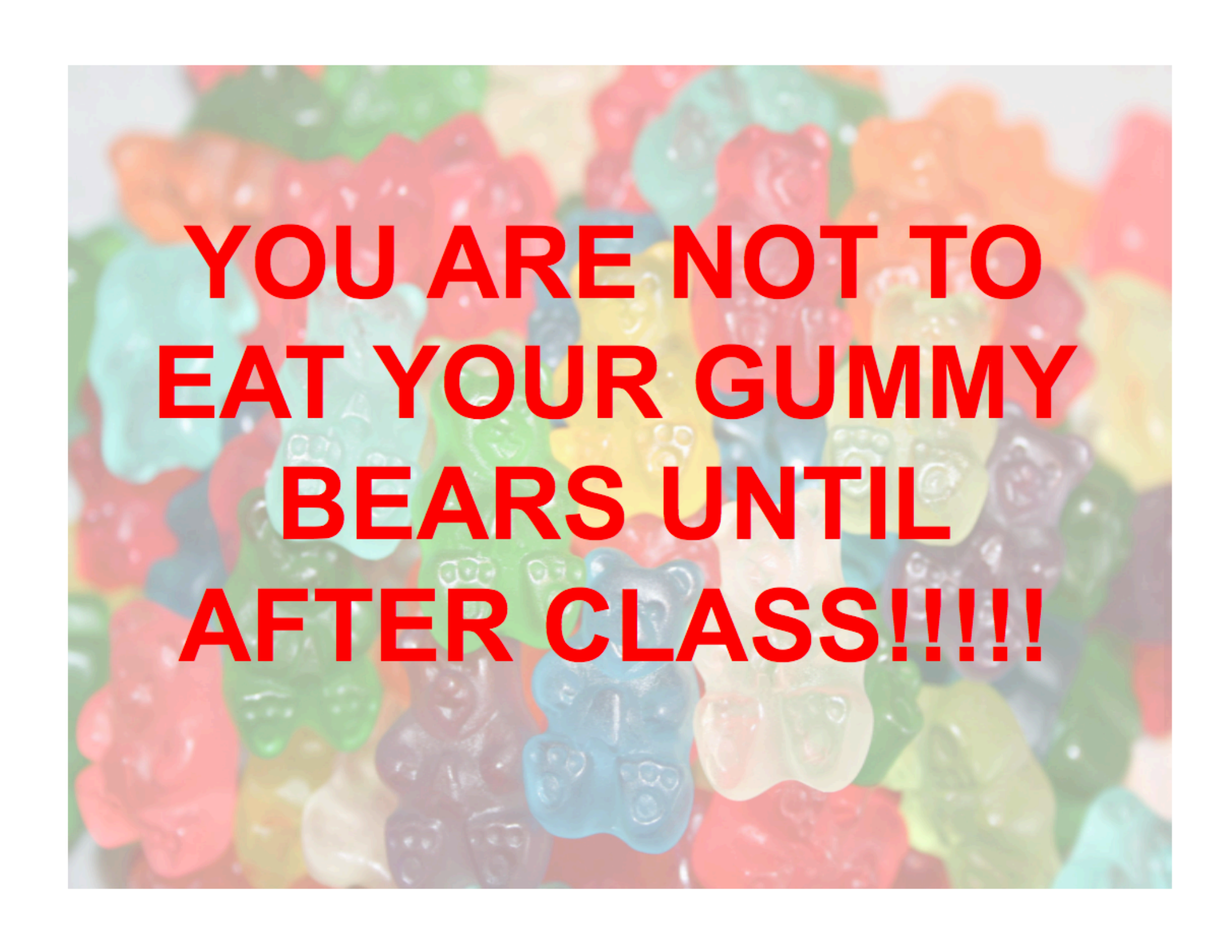
## 24L

Write down what you know and how these terms are related.



### Catalyst Conversation

\_\_\_\_\_ & \_\_\_\_\_ are similar because...  
I know \_\_\_\_\_ & \_\_\_\_\_ are related because...



**YOU ARE NOT TO  
EAT YOUR GUMMY  
BEARS UNTIL  
AFTER CLASS!!!!!!**





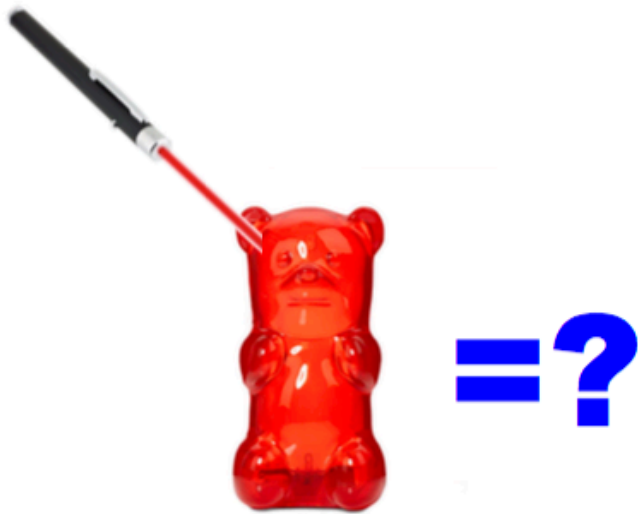
**With your table group you should have  
the following materials:**

- **Gummy bears**
- **1 napkin**
- **1 red laser**
- **Flash light**

**YOU ARE NOT TO EAT YOUR  
GUMMY BEARS UNTIL AFTER  
CLASS!!!!**

## Prediction:

1a: Picture of Gummy



1b: Observations

When the red laser shines at the red gummy bear the light will... because...

**24R**



## Prediction:

2a: Picture of Gummy



2b: Observations

When the red laser shines at the green gummy bear the light will... because...

**24R**

## Prediction:

3a: Picture of Gummy



3b: Observations

When a red flashlight (white light) shines at the red & green gummy bear the light will... because...

**24R**

Please write a ROUGH draft on **24 L**

Using ALL of the vocabulary terms from the catalyst, (**reflection, refraction, absorption & transmission**) describe why the pencil in the water glass looks the way that it does.





**YOU MAY NOW EAT  
YOUR GUMMY  
BEARS**

