Thursday, April 12, 2018

Your Learning Goal:
Students will explore the light properties of reflection, absorption and transmissions by shining lasers through gummy bears!

Table of Contents: Absorption Gummies– 32L
Catalyst (32L):
• What might happen when light interacts with matter?

Homework: Study for Quiz

Agenda:
1. Catalyst
2. Gummy Bears!
3. Reflection
YOU ARE NOT TO EAT YOUR GUMMY BEARS UNTIL AFTER CLASS!!!!!!
<table>
<thead>
<tr>
<th>Date</th>
<th>Assignment</th>
<th>Pg #</th>
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<tr>
<td>2/14/18</td>
<td>Video Notes</td>
<td>23 L</td>
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<tr>
<td>2/19/18</td>
<td>Our Exploding Universe</td>
<td>24 L</td>
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<tr>
<td>2/21/18</td>
<td>Going subatomic</td>
<td>25 L</td>
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<tr>
<td>2/28/18</td>
<td>It’s Elementary</td>
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<td>3/01/18</td>
<td>Changing Phases</td>
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<td>3/12/18</td>
<td>Heartbeat Frequency</td>
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<td>3/15/18</td>
<td>Spring into waves</td>
<td>29 L</td>
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<td>3/22/18</td>
<td>Reflections</td>
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<td>4/9/18</td>
<td>Spectacular Spectra</td>
<td>31 L</td>
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<tr>
<td>4/12/18</td>
<td>Absorption Gummies</td>
<td>32 L</td>
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</table>
Catalyst: Light

Properties of Light:
- Reflection
- Refraction
- Absorption
- Transmission

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

Properties of Light

- Reflection
- Refraction
- Absorption
- Transmission

Write down what you know AND How these terms are related

32L
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
Prediction:

2a: Picture of Gummy

2b: Observations

= ?
Prediction:

3a: Picture of Gummy

3b: Observations

=?
<table>
<thead>
<tr>
<th>1a</th>
<th>1b</th>
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<tbody>
<tr>
<td>2a</td>
<td>2b</td>
</tr>
<tr>
<td>3a</td>
<td>3b</td>
</tr>
</tbody>
</table>

Catalyst: Light

Properties of Light:
- Reflection
- Refraction
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Write down what you know and how these terms are related.

CER: You will be TYPING, PRINTING AND TURNING IN a 5 sentence (minimum) paragraph NEXT CLASS!
CER

You will be **TYPING, PRINTING AND TURNING IN** a 5 sentence (minimum) paragraph NEXT CLASS!

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.

![Image of a pencil in a water glass]
CER

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 😊