

	<h1 style="margin: 0;">LICEO DEL VALLE</h1> <h2 style="margin: 0;">ELEMENTARY SCHOOL</h2> <h3 style="margin: 0;">TEMARIO</h3> <h3 style="margin: 0;">CICLO ESCOLAR 2017-2018</h3>
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	<b>SCHOOL GRADE</b>	
<b>Grade:</b>	THIRD GRADE	
	<b>SUBJECT</b>	
<b>Subject:</b>	SCIENCE	
	<b>BIMESTER/BLOCK</b>	
<b>Bimester:</b>	FIFTH PERIOD	
	<b>PERIOD</b>	
<b>Evaluation Period:</b>	JUNE 06 <sup>th</sup> to JUNE 14 <sup>TH</sup>	
	<b>CONTENT</b>	
<ul style="list-style-type: none"> <li>➤ Matter and energy.</li> <li>➤ Energy, force and motion.</li> </ul>		
	<b>MAIN OBJECTIVES</b>	
<ul style="list-style-type: none"> <li>➤ Identify general properties of matter.</li> <li>➤ Explain what matter is.</li> <li>➤ Describe what mass, volume and temperature is.</li> <li>➤ Recognize and understand units to measure the general properties of matter.</li> <li>➤ Define energy and the different types.</li> <li>➤ Recognize renewable and nonrenewable sources of energy.</li> <li>➤ Explain how some types of energy can be used.</li> <li>➤ Identify light and sound as forms of energy that travels as waves.</li> </ul>		
	<b>STUDYING MATERIAL</b>	
<ul style="list-style-type: none"> <li>➤ Textbook</li> <li>➤ Notebook</li> <li>➤ World Wide Web (Internet)</li> </ul>		

TOPIC/S	PAGES	SUGGESTED REVIEWING ACTIVITIES
Lesson 14: Vocabulary words: matter, mass, volume, temperature, balance, measuring cylinder, thermometer, grams, liters and degrees, properties.	72 to 75	Read your book and notebook to solve this guide and to study for your exam.


**EXAMPLE**

- Label the next pictures.


Balance – thermometer – measuring cylinder – Celsius degrees – Fahrenheit degrees



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\_\_\_\_\_



\_\_\_\_\_




# °F

TOPIC/S	PAGES	SUGGESTED REVIEWING ACTIVITIES
Lesson 14: Properties of matter. Vocabulary words: matter, mass, volume, temperature, balance, measuring cylinder, thermometer, grams, liters and degrees.		Read your book and notebook to solve this guide and to study for your exam.
<b>EXAMPLE</b>		

- Match the words with the correct definition:

1. Volume \_\_\_\_\_ measurement for temperature.
2. Matter \_\_\_\_\_ measurement for volume.
3. Mass \_\_\_\_\_ How hot or cold matter is.
4. Temperature \_\_\_\_\_ the amount of matter in an object.
5. Degrees \_\_\_\_\_ we use it to measure temperature
6. Balance \_\_\_\_\_ we use it to measure volume.
7. Measuring cylinder \_\_\_\_\_ the amount of space of matter occupies.
8. Thermometer \_\_\_\_\_ we use it to measure mass.
9. Grams \_\_\_\_\_ everything around us.
10. Liters \_\_\_\_\_ measurement for mass.

TOPIC/S	PAGES	SUGGESTED REVIEWING ACTIVITIES
Lesson 15: What is energy? Vocabulary words: thermal, potential, electrical, kinetic, hydroelectric, mechanical, chemical, solar and wind.	76 to 80.	Read your book and notebook to solve this guide and to study for your exam.
<b>EXAMPLE</b>		



## Different types of energy

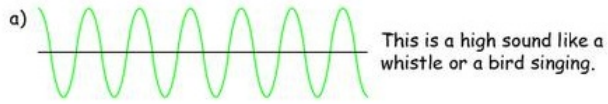
**Match the types of energy to the examples**

thermal	anything that is moving
light	food, batteries, burning things
sound	anything that uses electricity
elastic	talking, TV, radio
gravitational	hot water, a hot radiator
kinetic	a book on a shelf, a bungee jumper
electrical	light bulbs, a Bunsen flame
chemical	a wind-up toy, a rubber band
nuclear	nuclear bombs, power stations

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### Pitch and Sound Waves

Pitch is how high or low a sound is.



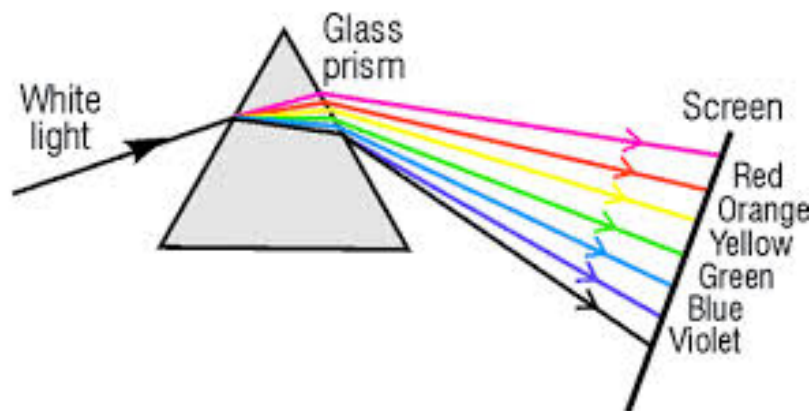
Look at these sound waves. One is quiet and one is loud.



Using this image answer true or false to the next statements:

- a) The sound has two properties, volume and pitch. \_\_\_\_\_
- b) Volume can be measured in hertz (Hz) \_\_\_\_\_
- c) Sound can travel faster through solids than through gas. \_\_\_\_\_
- d) Sound is energy that travels in waves. \_\_\_\_\_
- e) Sound is produce when an object vibrates. \_\_\_\_\_

Using this image answer the next questions:



- a) Light can travel through all materials, yes or no and why?

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b) White light is the mixture of what? How can you prove it?

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**OBSERVATIONS/COMMENTS**

- Please start working with this guide as soon as you receive it, remember you must bring it the day of your exam.
- Last day to check your books and notebooks: April 18th, 2016.
- Please don't forget to tell your parents to sign your evaluation sheet in your notebook.