



LICEO DEL VALLE
ELEMENTARY SCHOOL
TEMARIO DE ESTUDIO
CICLO ESCOLAR 2015-2016

	SCHOOL GRADE	
Grade:	THIRD GRADE	
	SUBJECT	
Subject:	SCIENCE	
	BIMESTER/BLOCK	
Bimester:	FIFTH PERIOD	
	PERIOD	
Evaluation Period:	JUNE 13 TH , 2017	
	CONTENT	

- UNIT 6: Matter and energy.
- UNIT 7: Energy, force and motion.

MAIN OBJECTIVES

- Identify general properties of matter.
- Explain what matter is.
- Describe what mass, volume and temperature is.
- Recognize and understand units to measure the general properties of matter.
- Define energy and the different types.
- Recognize renewable and nonrenewable sources of energy.
- Explain how some types of energy can be used.
- Identify light and sound as forms of energy that travels as waves.

STUDYING MATERIAL

- Textbook
- Notebook
- World Wide Web (Internet)

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



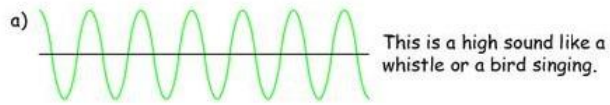


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TOPIC/S	PAGES	SUGGESTED REVIEWING ACTIVITIES
Lesson 14: Properties of matter. Vocabulary words: matter, mass, volume, temperature, balance, measuring cylinder, thermometer, grams, liters and degrees.		Read your book and notebook to solve this guide and to study for your exam.
EXAMPLE		
<p>- Match the words with the correct definition:</p> <ol style="list-style-type: none"> 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.
EXAMPLE		

Pitch and Sound Waves

Pitch is how high or low a sound is.



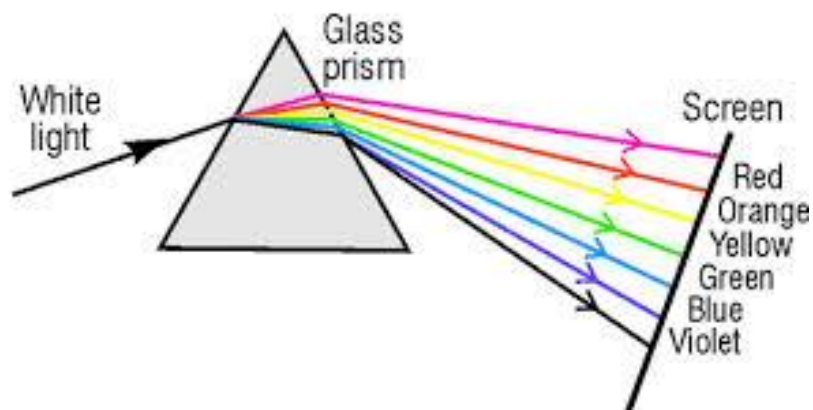
Look at these sound waves. One is quiet and one is loud.



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?

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

OBSERVATIONS/COMMENTS

- Exam date: April 19th, 2016.
- 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.