

	FINAL TEST	AC-FO-03	
		V.01	
		Fecha	
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1. General information about the Test

AREA:	Ciencias Naturales	DATE:	
TOPICS:	Shadows Electricity Safety with electricity. Motor and buzzers		
SUBJECT:	Science	TERM:	3
TEACHER:	Sebastian Gonzalez		
METAS CURRICULARES	Students will comprehend how experimenting with shadows can help us to understand that light cannot cross some materials, describing the difference between light and darkness. The students will comprehend how to recognize electricity effects and functioning, inquiring about how it affects our lives and daily routines.		
STUDENT:		GRADE:	FIRST

2) GENERAL INSTRUCTIONS

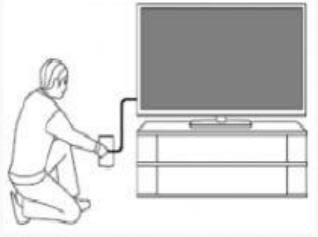
- Read the entire exam carefully before you answer.
- Follow the instructions as they are stated.
- No whiteout or pencil allowed
- If pencil is used no complains accepted
- The use of notebook notes or any other kind of help is not allowed.

3) QUESTIONS

COMPREHENSIVE USE OF SCIENTIFIC KNOWLEDGE (USO COMPRENSIVO DEL CONOCIMIENTO CIENTÍFICO).

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1. Look at the pictures, which of these objects **does not use electricity to function**?
 Mire las imágenes, ¿cuál de estos objetos **no usa electricidad para funcionar**?

 A) A remote control	 B) A fan	 C) A door	 D) A tv
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2. Which of these objects are **electricity sources**? sources that can give electricity to objects to function.
 (¿Cuáles de estos objetos son **fuentes de electricidad**? Fuentes que pueden dar electricidad a los objetos para que funcionen.)

 A) Socket	 B) Computer	 C) Light bulb	 D) Battery
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PHENOMENA EXPLANATION (EXPLICACIÓN DE FENÓMENOS)

3. The toy animals are creating shadows, why?
(Los animales de juguete están creando sombras, ¿por qué?)

- A) because toy animals blocks light
- B) because toy animals produce light
- C) because toy animals are big
- D) because toy animals have colors



4. The man suffered an electric shock, why?
(El hombre sufrió una descarga eléctrica, ¿por qué?)

- A) because touching damaged cables is dangerous
- B) because touching damaged cables is safe
- C) because cable are black
- D) because the cables are cold



INQUIRY (INDAGACIÓN)

5. There are objects that need electricity to work, some use motors and others use buzzers. What is the difference between them?

(Hay objetos que necesitan electricidad para funcionar, algunos usan motores y otros usan timbres. ¿Cuál es la diferencia entre ellos?)



Use motor



Use buzzer

6. The shape of the shadow depends on the object blocking the light, in the photo you can see an example, how can you change the shape of a shadow?
(La forma de la sombra depende del objeto que bloquea la luz, en la foto puedes ver un ejemplo, ¿cómo puedes cambiar la forma de una sombra?)

- A) Yes, changing the position or shape of the object
- B) Yes, changing the color of the object
- C) Yes, turning off the light
- D) Yes, in a dark place



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4) SELF ASSESSMENT

Responsibility	I present my activities with quality and under the parameters provided by the teacher without delays.	
Respect	I participate in class, contributing ideas to build knowledge, also showing respect for the participation of my classmates.	
Personal appearance	I maintain good personal appearance in face-to-face and/or virtual classes	
Punctuality	My attendance in virtual and face-to-face classes is on time according to schedule.	
Compromise	I have my books, folder, notebook, in order, and I work with them in an organized way; I also follow the instructions regarding the handling of the requested items.	
TOTAL		