

Name: _____ Pd: _____

WAVES THROUGH MEDIA SCIENCE STARTERS**10/2-10/6/2023*****ALL UNIT SCIENCE STARTERS MUST BE TURNED IN BY THE UNIT TEST TO
RECEIVE CREDIT***

Date:	Question:	Answer:
Monday /2	Brady notices that when he places a straw in a glass of water, the image of the straw in water and the image of the straw outside of the water do not match up. What is the reason for the difference in how the straw looks above and below the water? A. Light travels faster through water, refracting the image B. The surface of the water reflects the image of the straw. C. Light travels faster through air, refracting the image of the straw D. The light is reflected several times in the glass, creating a false image	
Tuesday /2	In science class, you listen to the sound of a tuning fork after it is hit against a cork. When you place the tuning fork to one end of a piece of wood and your ear to the other, you notice that the sound becomes high pitched. What happened to the sound waves as they went through the wood? A. They slowed, due to a high pitch echo B. They slowed, due to more matter in the wood C. They sped up, creating a higher frequency D. They sped up, creating a higher wavelength	
Wednesday /2	Sound waves need a medium to move through in order to keep moving. Through which of the following would sound travel the slowest? A. Air B. Metal C. Water D. Wood	

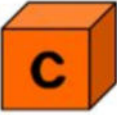



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<p>Thursday</p> <p>/2</p>	<p>Longitudinal waves move through different media at different rates. Which of the following lists the three states of matter according to how fast longitudinal waves move through matter, from SLOWEST to FASTEST?</p> <p>A. gas, solid, liquid B. solid, liquid, gas C. solid, gas, liquid D. liquid, gas, solid</p>
<p>Friday</p> <p>/2</p>	<p>1) Energy is the ability to do _____</p> <p>2) Potential energy is _____ energy.</p> <p>3) _____ energy is energy in motion.</p> <p>4) Law of Conservation of Energy states that energy cannot be _____ or _____, just _____.</p>

CUBE Test-Taking Strategy

	Circle your vocabulary words
	Underline important words
	BOX in the question
	ELIMINATE wrong answers

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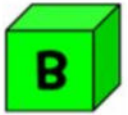
CUBE Test-Taking Strategy



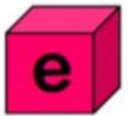
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~~ELIMINATE~~ wrong
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