
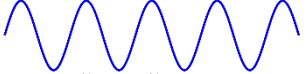
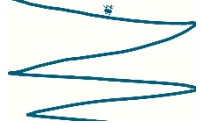


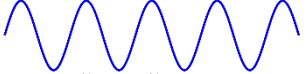
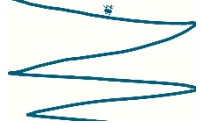


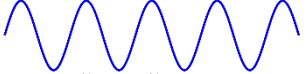
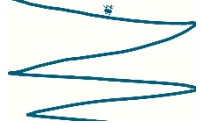



Science - Big 16 Review - Week 4

Monday	<p>1. Which of the following always causes a sound to change pitch?</p> <p>A. changing the frequency of the vibrations          B. changing the material that is making the vibrations          C. changing the strength of the vibrations          D. none of these</p>	<p>2. When should goggles be worn during science experiments?</p> <p>A. anytime chemicals or heat are used in the lab          B. only if you don't wear regular glasses          C. only if your eyes get tired          D. when you need to see better</p>	<p>3. Scientists often organize the data they collect from experiments into...</p> <p>A. tables or graphs.          B. paragraphs on paper.          C. codes on the backs of their hands.          D. secrets for friends only.</p>	<p>4. The following are all examples of material that absorbs sound waves EXCEPT...</p> <p>A. soft cloth.          B. foam rubber.          C. carpet.          D. the wall of an empty classroom.</p>
Tuesday	<p>5. A group of 5 scientists have reached their research destination in the Okefenokee Swamp. What is the first thing they do?</p> <p>A. Experiment on the cypress trees.          B. Observe and ask questions.          C. Conclude they have nothing to do.          D. Report to other scientists about the pollution they found.</p>	<p>6. Why does the volume of sound decrease as it moves farther away from its source?</p> <p>A. The vibrations stop.          B. Air slows down the sound wave.          C. The amplitude of a sound wave increases.          D. The energy in the sound wave become more spread out</p>	<p>7. White objects...</p> <p>A. absorb all colors.          B. reflect all colors.          C. looks white in any color of light.          D. allows all light to pass through them.</p>	<p>8. You and your lab partner are reading about how to conduct a light experiment with water and a glass bead. You and your partner do not understand the directions. What should you do?</p> <p>A. You should try several different things until you figure it out.          B. You should figure it out as you play with the water and glass bead.          C. You should make up your own instructions.          D. You should ask the teacher before you start.</p>

<p>W e d n e s d a y</p>	<p>9. A hand lens...</p> <p>A. refracts light. B. reflects light. C. bounces light. D. blocks light.</p>	<p>10. Scientists can _____ when they decide if their hypothesis is true or false.</p> <p>A. end their experiment B. repeat their experiment C. describe their experiment D. draw conclusions</p>	<p>11. Which of the following colors make up white light?</p> <p>A. all the colors of the rainbow B. all the primary colors (red, blue, yellow) C. all the dark colors D. all the bright colors</p>	<p>12. Which of the following is an example of how sound waves are pictured?</p> <table border="1" data-bbox="1396 341 1995 812"> <tr> <td data-bbox="1396 341 1612 446">A. zigzag</td> <td data-bbox="1612 341 1995 446"></td> </tr> <tr> <td data-bbox="1396 446 1612 535">B. up and down</td> <td data-bbox="1612 446 1995 535"></td> </tr> <tr> <td data-bbox="1396 535 1612 673">C. forward and backward</td> <td data-bbox="1612 535 1995 673"></td> </tr> <tr> <td data-bbox="1396 673 1612 812">D. east and west</td> <td data-bbox="1612 673 1995 812"></td> </tr> </table>	A. zigzag		B. up and down		C. forward and backward		D. east and west	
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<p>T h u r s d a y</p>	<p>13. The amount of energy in a sound wave is called its _____.</p> <p>A. amplitude B. frequency C. pitch D. wavelength</p>	<p>14. What do light waves do when they reflect?</p> <p>A. They pass through transparent material. B. They are absorbed in black material. C. They bend when they hit a lens. D. They bounce when they strike a shiny material.</p>	<p>15. The _____ is the distance from the bottom of one sound wave to the bottom of the next sound wave.</p> <p>A. frequency B. energy C. wavelength D. trough</p>	<p>16. When you are finished with your experiments, all your trash should be...</p> <p>A. placed carefully in the sink. B. shoved into your backpack. C. put away according to your teacher's directions. D. left at your lab table for the next group.</p>								