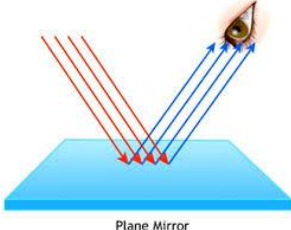


Science - Big 16 Review Week - 1

Monday	<p>1. Use the table below to answer this question.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Animal</th> <th>Hearing Range in Hertz</th> </tr> </thead> <tbody> <tr> <td>bat</td> <td>100 – 100,000</td> </tr> <tr> <td>dog</td> <td>10 – 35,000</td> </tr> <tr> <td>elephant</td> <td>1 – 20,000</td> </tr> <tr> <td>frog</td> <td>100 – 2,500</td> </tr> </tbody> </table> <p>The information in the table tells us that animals hear different sounds. Which animal hears the fewest sounds?</p> <p>A) bat B) dog C) elephant D) frog</p>	Animal	Hearing Range in Hertz	bat	100 – 100,000	dog	10 – 35,000	elephant	1 – 20,000	frog	100 – 2,500	<p>2. Mrs. Harbin's class is doing an experiment outside with ice cubes and colored paper. The ice cubes will melt fastest on...</p> <p>A) red paper. B) green paper. C) white paper. D) black paper.</p>	<p>3. Which demonstrates that light travels in straight lines?</p> <p>A) the forming of shadows B) the speed of light C) the rainbow effect D) the brightness of the Sun</p>	<p>4. What is the BEST way to get accurate results from an investigation?</p> <p>A) Remember everything you did. B) Keep careful records. C) Work quickly. D) Work slowly.</p>
Animal	Hearing Range in Hertz													
bat	100 – 100,000													
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Tuesday	<p>5. True or False? It is safe to drink from a colorful bottle which someone left behind in the Science Lab.</p> <p>A) True B) False</p>	<p>6. All sound is made by _____.</p> <p>A) vibrations. B) heat energy. C) magnetism. D) reflections.</p>	<p>7. Which is the BEST piece of safety equipment to use while mixing chemicals?</p> <p>A) fire extinguisher B) smoke detector C) goggles D) graduated cylinder</p>	<p>8. Which object would BEST reflect light from a light bulb?</p> <p>A) a shiny spoon B) notebook paper C) a black sweater D) a glass of water</p>										

<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Wednesday</p>	<p>9. When an object blocks light, a _____ forms in the shape of the object.</p> <p>A) light B) reflection C) shadow D) glass</p>	<p>10. In the illustration below, a ray of light hits a mirror and changes direction. What is this bouncing of light called?</p>  <p>A) evaporation B) reflection C) condensation D) refraction</p>	<p>11. White objects...</p> <p>A) absorb all colors. B) reflect all colors. C) looks white in any light. D) Allows all light to pass through them.</p>	<p>12. What is the Scientific Method?</p> <p>A) the way to design a STEM project B) the steps scientist use to understand their observations of the world C) the exploration of dinosaurs and how they lived D) a list of supplies for an experiment</p>
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Thursday</p>	<p>13. Zachary's teacher asked him to form a hypothesis and test it. He hypothesized that cheese is less dense than yogurt. He tested his hypothesis and found out it was not correct. What should Zachary do?</p> <p>A) Change the results of his experiments so that it looks like his hypothesis is true. B) Break the cheese into smaller pieces so that it will be less dense. C) Find another hypothesis to test that will be correct. D) Share his results that his hypothesis was not correct.</p>	<p>14. How should you maintain your science lab area?</p> <p>A) Keep a clean work space. B) Spread out around you all the chemicals you will need. C) Keep a mess work space. D) Keep your snack and drink close by.</p>	<p>15. True or False?</p> <p>When scientists get new information that might affect their experiment, they can go back and repeat steps of the scientific method.</p> <p>A) True B) False</p>	<p>16. Reflection occurs when</p> <p>A) light bends. B) light shines in your eyes. C) light goes through a surface. D) light strikes a surface and bounces off.</p>

