

Name \_\_\_\_\_

Science - Big 16 Review - Week 9

<b>Monday</b>	1. A dark area on a surface created by an object blocking the path of light is  a. light. b. a shadow. c. energy. d. transparent.	2. Which is the fourth planet from the Sun? It has the biggest volcano discovered in the solar system.  a. Earth b. Jupiter c. Mars d. Neptune	3. To move in a path around another object is to...  a. revolve. b. rotate. c. spin. d. axis.	4. An educated guess stating what you think will be the result of a scientific investigation, or an experiment is a _____.  a. hypothesis b. observation c. research d. result
<b>Tuesday</b>	5. Apply a force to an object and you could change its...  a. speed only. b. direction only. c. speed or direction, or both. d. mass.	6. Which word means the bending of light?  a. refraction b. reflection c. translucent d. transformation	7. In order for sound waves to form, ...  a. electricity must flow through a medium. b. a high frequency must be reached. c. matter must vibrate. d. high amplitude waves must be absorbed.	8. In the science lab, as you are looking over your supplies, you notice a sticky substance on them. What is the first thing you should do?  a. Pick up the materials to see what is on them. b. Wash the materials so they can be clean before you use them. c. Taste the sticky substance to figure out what it is. d. Tell the teacher before ever touching your supplies.

Wednesday	<p>9. When an unbalanced force acts on an object, it will most likely...</p> <ul style="list-style-type: none"> <li>a. change from a solid to a liquid.</li> <li>b. create more energy.</li> <li>c. have no change in motion.</li> <li>d. start moving.</li> </ul>	<p>10. Which pair of neighbor planets is least alike?</p> <ul style="list-style-type: none"> <li>a. Mercury and Venus</li> <li>b. Mars and Jupiter</li> <li>c. Jupiter and Saturn</li> <li>d. Uranus and Neptune</li> </ul>	<p>11. Ancient scientific knowledge...</p> <ul style="list-style-type: none"> <li>a. cannot be used today.</li> <li>b. should always be tested before it is accepted.</li> <li>c. is always correct because it's based on ancient wisdom.</li> <li>d. is always incorrect because there were no microscopes or other tools long ago.</li> </ul>	<p>12. How does a sound wave travel through particles of air?</p> <ul style="list-style-type: none"> <li>a. Sound waves travel as light and then convert back to sound.</li> <li>b. It travels through empty space.</li> <li>c. They move back and forth, bunching together and spreading apart.</li> <li>d. They move in the same direction.</li> </ul>
Thursday	<p>13. If a planet is mostly made of gas, how would you describe its position in relation to the sun?</p> <ul style="list-style-type: none"> <li>a. It is right next to the Sun.</li> <li>b. It is an inner planet.</li> <li>c. It is an outer planet.</li> <li>d. It is one of the dwarf planets located in the asteroid belt.</li> </ul>	<p>14. This simple machine may be used to lift heavy objects. As you push down, the simple machine on the other end of the fulcrum will lift the object up.</p> <ul style="list-style-type: none"> <li>a. lever</li> <li>b. inclined plane</li> <li>c. pulley</li> <li>d. wedge</li> </ul>	<p>15. You notice your lab partner's hair getting caught in the balance scale. You tell her she should have...</p> <ul style="list-style-type: none"> <li>a. put her hair up in a hair tie.</li> <li>b. skipped the lab today.</li> <li>c. gotten a haircut before coming to school.</li> <li>d. worn a hat to school today.</li> </ul>	<p>16. At recess, Mrs. Burke's green jacket is _____ all the colors of sunlight except green.</p> <ul style="list-style-type: none"> <li>a. absorbing</li> <li>b. reflecting</li> <li>c. refracting</li> <li>d. transferring</li> </ul>