

## Science Big 16 Review - Week 6

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| <b>Monday</b>  | <p>1. If a piece of equipment is not working, you should tell...</p> <ol style="list-style-type: none"> <li>your favorite custodian.</li> <li>your best friend in Science class.</li> <li>your Science teacher.</li> <li>your lab partner.</li> </ol> | <p>2. Olivia is farsighted and cannot see well when things are close to her face. Which is the BEST tool for her to use to refract light and allow her to more easily read words in her book?</p> <ol style="list-style-type: none"> <li>hand lens</li> <li>microscope</li> <li>glasses</li> <li>water in a glass</li> </ol> | <p>3. Which scientific test is the BEST way to see if a new cleaning wipes works?</p> <ol style="list-style-type: none"> <li>Wait until you make a mess, then use the wipes to see if they work.</li> <li>Give the wipes to several friends and see if their desks are always clean.</li> <li>Find a group of students from another class. Give half of the students the wipes to clean their desk and give the other half wet paper towels. Check whose desks are cleaner.</li> <li>Give the wipes to a group of students and see how many of them like the scent.</li> </ol> | <p>4. Which of the following BEST describes how gravity affects a soccer ball rolling across a field?</p> <ol style="list-style-type: none"> <li>Gravity does not pull on the ball.</li> <li>Gravity changes the ball's speed.</li> <li>Gravity does not change the ball's direction.</li> <li>Gravity does not change the ball's motion.</li> </ol> |
| <b>Tuesday</b> | <p>5. True / False</p> <p>Light travels very fast in curved lines around objects.</p>   | <p>6. A model is a good way to explain the solar system because it shows...</p> <ol style="list-style-type: none"> <li>all the planets.</li> <li>something too large to see.</li> <li>the sun in the middle of the solar system.</li> <li>the planets are bigger than they really are in the solar system.</li> </ol>        | <p>7. Staci spilled a liquid on the floor of the Science lab. She should clean it up...</p> <ol style="list-style-type: none"> <li>at the end of the day.</li> <li>immediately.</li> <li>after lunch.</li> <li>when she has time.</li> </ol>   | <p>8. A knife can be used as a simple machine called a...</p> <ol style="list-style-type: none"> <li>an inclined plane.</li> <li>a lever.</li> <li>a screw.</li> <li>a wedge.</li> </ol>   |

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| <p style="text-align: center;"><b>Wednesday</b></p> | <p>9. Selena is pushing a box up a ramp. What is the direction of the gravitational force on the box as it is moving?</p> <p>a. Straight up<br/>b. Straight down<br/>c. Along the direction of motion<br/>d. Opposite to the direction of motion</p> | <p>10. An object that is pulled with the least amount of force will...</p> <p>a. not move at all.<br/>b. move the fastest.<br/>c. move the slowest.<br/>d. move the furthest.</p> | <p>11. When scientists _____ objects, they are looking for similarities or differences in those objects.</p> <p>a. collaborate<br/>b. compare<br/>c. conclude<br/>d. hypothesize</p>                                  | <p>12. Which of the following is a lab safety rule?</p> <p>a. Look and touch everything in the lab before you read the instructions.<br/>b. Wear pretty sandals or flip flops.<br/>c. Read and follow instructions carefully.<br/>d. Take your unfinished lunch to the lab so that you don't waste food.</p> |
| <p style="text-align: center;"><b>Thursday</b></p>  | <p>13. We can say all the colors of light, except green, are _____ when we only see green grass.</p> <p>a. absorbed<br/>b. reflected<br/>c. refracted<br/>d. bounced off</p>   | <p>14. A form of energy that is produced by vibrations and can be heard is...</p> <p>a. amplitude<br/>b. frequency<br/>c. light<br/>d. sound</p>                                  | <p>15. The fastest way to go down a sidewalk would be to...</p> <p>a. put on shoes made of sandpaper.<br/>b. put on regular running shoes.<br/>c. put on roller skates.<br/>d. run with heavy books in your arms.</p> | <p>16. _____ is the ability to cause a change in movement.</p> <p>a. Energy<br/>b. Light<br/>c. Sound<br/>d. Shadow</p>  |