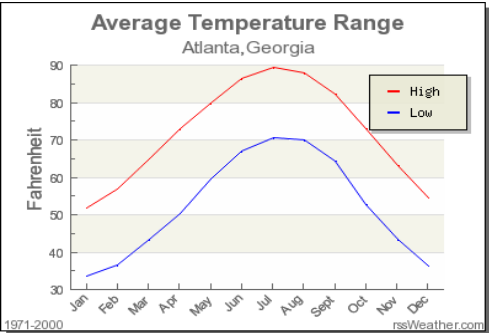


Name _____

Science Big 16-Week 14

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|---------|--|--|---|---|
| Monday | <p>1. Ashley strums her guitar strings and it makes a pretty sound. When she touches the strings, why does it stop making sounds?</p> <p>a. The guitar strings stop moving. b. The guitar strings are broken. c. The guitar has no air in it. d. The guitar strings are not long enough.</p> | <p>2. Technology can help people in many ways, but it does NOT increase...</p> <p>a. how well they can compare things. b. how well they can measure things. c. how well they can draw conclusions. d. how closely they can observe things.</p> | <p>3. Looking up at the night sky, you see some points of light move and others do not move. These planets move because they are...</p> <p>a. closer to the Sun. b. much bigger than Earth. c. much colder than other planets. d. orbiting the Sun.</p> | <p>4. What advantage does the Hubble Space Telescope have in space?</p> <p>a. It is larger than other telescopes. b. The sun's rays can keep it from freezing. c. The atmosphere cannot block light from entering it. d. It does not move so it takes better pictures of space.</p> |
| Tuesday | <p>5. Amy is pushing her friend on the swing. How would the friend's motion change if Amy used a greater force to push?</p> <p>a. The direction of the friend swinging would change. b. The speed of the girl swinging would change. c. The mass of the girl swinging would change. d. The girl would stop swinging.</p> | <p>6. Which of these would NOT be a reliable source of information about glaciers?</p> <p>a. A fiction book about an explorer who finds a new glacier b. Your science textbook c. An encyclopedia entry about glaciers d. Your science teacher</p> | <p>7. An ax can be used to split a large piece of wood into smaller pieces because the blade is a _____.</p> <p>a. lever b. pulley c. screw d. wedge</p> | <p>8. Which moon phases comes before a third quarter moon?</p> <p>a. first quarter moon b. full moon c. waning gibbous moon d. waning crescent moon</p> |

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| Wednesday | <p>9. During which phase is the moon a bright, round circle in the sky?</p> <p>a. New moon b. First quarter c. Full moon d. Last quarter</p> | <p>10. A doorknob is a simple machine called a...</p> <p>a. lever. b. pulley. c. screw. d. wheel and axle.</p> | <p>11. Which of these objects will fall toward the Earth if they are all thrown into the air?</p> <p>a. a bouncy ball b. a pencil c. a parachute toy d. all of these</p> | <p>12. What force is being used when you pick up your pencil off your desk?</p> <p>a. Push b. Pull c. Gravity d. friction</p> |
| Thursday | <p>13. According to the graph, what is the average high temperature in Atlanta, in April?</p>  <p>a. About 50° F b. About 75° F c. About 90° F d. About 30° F</p> | <p>14. You can see your reflection in a smooth piece of aluminum foil but not in a crumpled piece of aluminum foil because...</p> <p>a. light is absorbed by the foil. b. light is attracted to the foil. c. light is magnified by the foil. d. light is scattered by the foil.</p> | <p>15. The Sun rises...</p> <p>a. in the east. b. in the western ocean. c. in the southern sky. d. in the northern hemisphere.</p> | <p>16. Tim is moving into a fourth-floor apartment. He has a piano that weighs 259 kg and is too big to fit in the elevator or in the stairwell. Which simple machines would make it easiest for Tim to get his piano up to the apartment's window?</p> <p>a. pulleys b. screws c. inclined planes d. wheels and axles</p> |