

Name: _____

Hour: _____

Greatest Discoveries with Bill Nye – Physics

1. What type of objects fall the fastest?
2. What slows down a lighter object?
3. Sir Isaac Newton saw what fall?
4. Does gravitational force apply to everything in our universe?
5. What is Newton's third law?
6. Heat energy can be changed into what kind of energy?
7. Is energy gained or wasted during a thermodynamic reaction?
8. What percent of the gasoline in a car actually moves the car?
9. How high is the Hoover Dam?
10. A lightning bolt is a current of what?
11. If we had not had the research of Faraday and Maxwell what things would we not have in our lives today?
12. What type of book helped Einstein?
13. Einstein thinks time is like what?
14. The faster you move the _____ time beats.
15. What is the most famous equation ever written?

16. The faster you move the _____ you get.
17. Quantum leaps are the _____ leap that can be made in nature.
18. Matter has what type of properties?
19. The ancients thought the earth was made from earth, air, fire and what?
20. White light contains what colors?
21. Light can move in what 2 different ways?
22. Rutherford shot radioactive alpha particles at a sheet of what kind of metal?
23. What was the last part of an atom to be discovered?
24. When was superconductivity discovered?
25. At what temperature are the superconductors kept for the particle accelerators?
26. What are protons and neutrons built from?
27. What are the 4 forces on the earth?
28. The ultimate theory is called the _____ model.
29. Will we as humans ever be able to find a force that combines all the 4 forces together?

