

Greatest Discoveries – Evolution

Name _____ Date _____ Period _____

Please answer the following while watching Mr. Nye in action.

1. How fast was the KT Asteroid traveling? _____
2. How much energy did it have? _____
3. How big was the asteroid that caused Meteor Crater in Arizona? _____
4. How big was the KT Asteroid? _____
5. How deep was the crater made by the KT Asteroid? _____
6. What was the first dinosaur to be named? _____
7. What does the word 'dinosaur' mean? _____
8. What did Stanley Miller discover? _____
9. What did Ballard and his team discover? _____ What are they?

10. If insects don't rule the earth, who does? _____
11. Where does Ballard think life began? _____
12. What is significant about the Burgess Shale? _____
13. Burgess Shale is the evolutionary equivalent of _____
14. Who paid for Darwin's voyage? _____
15. How many days were they in the Galapagos? _____
16. What was Darwin's first question? _____
17. What did Darwin think was the driving force behind all life? _____
18. A species has to evolve or _____
19. Nothing in biology makes sense without what? _____

20. Why did it take Darwin 20 years to publish his findings? _____

21. How is science provisional? _____

22. How old was Lucy? _____

23. Why was Lucy such a big deal? _____

24. How is the 'tree of life' more like a bush? _____

25. How old is Toumai? _____

26. What do they mean by 'unable to remain bored'? _____

27. According to Bill, why are we still here? _____

28. **WHAT!?** How did Bill just transport from the desert to New York City? _____