

Name \_\_\_\_\_ Date \_\_\_\_\_ period \_\_\_\_\_

## Video Worksheet: "Was Darwin Right or Wrong?"

1. What is the name of the naturalist who gave rise to the idea of evolution?
2. How long was his journey?
3. What did he collect?
4. What was the name of his book?
5. When was his book published?
6. List the 3 claims he made in his book:
  - a.
  - b.
  - c.
7. What are stromatolites?
8. Where are living stromatolites found?
9. How old are the fossil stromatolites found?
10. What makes the stromatolites?
11. How long ago did the 1<sup>st</sup> cells with a nucleus appear?
12. How long ago did the 1<sup>st</sup> animals appear?

13. When did the Cambrian period occur?

14. What did Darwin call the force that caused the changes in organisms?

15. Give an example of "survival of the fittest".

16. How long ago did the earth form?

17. What do scientist need to find to show that Darwin's theory is correct?

18. How many chambers does the human heart have?

a. How many in frogs or snakes?

b. How many in fish?

c. How many in sea squirts?

19. How did they change the sea squirt heart from 1 chamber to 2 chambers?

20. What percent of human DNA is the same as a chimp?

A dog?

A Daffodil?

21. What may have caused the disappearance of hind limbs in whales?

22. In a well organized and neatly written paragraph, **written on your own notebook paper or typed on your own paper**, give your opinion as to the validity of evolution. Give specific examples to defend your ideas.