

Name \_\_\_\_\_ Hour \_\_\_\_\_

Bill Nye Video

Directions: Watch the video and answer the questions as you go.

1. Every living thing on Earth has been \_\_\_\_\_ for the last 3 billion years.
2. What is this process called?
3. Children of living things are always \_\_\_\_\_ from their parents. But they are related, they have the same \_\_\_\_\_.
4. What do we usually call deoxyribonucleic acid?
5. Is the chemistry of all living things basically the same?
6. What does "primordial" mean?
7. Can DNA be made in an experiment?
8. Why can moss grow anywhere?
9. Can giraffes *stretch* their necks so that they are slightly longer than other giraffes?
10. In order to have a slightly longer neck, you have to be \_\_\_\_\_ with one.
11. This is the process of evolution by \_\_\_\_\_. Small changes with each generation, so big changes take thousands of generations or \_\_\_\_\_ of years.
12. Humans have changed the \_\_\_\_\_ faster than most living things can keep up.
13. The size and shape of living things in nature changes naturally by evolution. This is called \_\_\_\_\_.
14. Can the size and shape of living things changed by humans?
15. What is it called when humans speed up the process of evolution?
16. Name two examples of artificial selection.
17. Who developed the theory that all organisms change over time?
18. What is the name of your tailbone?
19. Why do animals go extinct?
20. How are you "related" to corn?