

Name _____ Date _____

"Bill Nye: Genes" Video Worksheet

1. Where do your genes come from?
2. What is inside every cell in your body?
3. What does DNA stand for?
4. What did Bill climb to get out of the Nye Lab?
5. How long is the DNA string model of science?
6. How many times longer is DNA than it is wide?
7. How does Bill define a Gene?
8. Why is the white blood cell dark on the computer screen?
9. What does the nucleus of the cell contain?
10. What can you do with DNA after you take it out of an organism?
 - a.
 - b.
11. What 2 organisms were combined to create the message to Bill in the petri dish?
12. What do genes do?
13. Mom tells Richie: Genes are the set of _____
_____ that get passed down from _____ to child.
In the process, of course, the genetic material is _____
in new ways, which is why people bear resemblance to their _____
and _____ without looking like any one relative in
particular.
14. What analogy does Bill use to describe the human set of chromosomes?
15. What is each chapter analogous to?

