**“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. How long is the DNA string model of science?
5. DNA is the \_\_\_\_\_\_\_\_\_\_\_\_ genes are made of!
6. Thousands and thousands of genes are joined together to make a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
7. So chromosomes are very long \_\_\_\_\_\_\_\_\_ molecules!
8. Why is the white blood cell dark on the computer screen?

1. What do genes do?
2. What analogy does Bill use to describe the human set of chromosomes?
3. What is each chapter analogous (compared) to?
4. How many genes to humans have?
5. The four chemicals of DNA are
6. The number of chromosomes that a mule foal has is \_\_\_\_\_\_
7. Big R stands for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
8. Little r stands for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
9. What happened to the turtle?