

Name: _____

Genetics & Mutations

1. What does a chromosome contain? A. Gregor Mendel
2. How many chromosomes does a human have? B. Variety type of the same gene
3. Which chromosome number makes us different? C. Heredity
4. What are genes? D. Mutations
5. What are alleles? E. 23
6. Which gene will be passed onto the offspring? F. Chromosomes
7. Which gene won't have the offspring? G. Small section of a chromosome
8. All living things are made up of these 4 basis... H. The Recessive
9. DNA contains specific instructions that make each type of living creature... I. Inversion and Translocation
10. Permanent changes (alterations) in the DNA sequence are...? J. Genes
11. How many mutations are there? K. Unique in its own specie
12. There are only 2 types of Mutations... L. Natural events or by humans
13. Type of mutation that causes Down Syndrome? M. Pea plants
14. Causes of Mutations? N. The Dominant
15. Genetic Material (DNA) can be altered by...? O. Duplication
16. What does a cell's nucleus contain? P. Radiation, Chemicals, X-rays
17. Characteristics passed on from generation to generation? Q. 4
18. The Father of Genetics? R. DNA
19. Comes in pairs, and are inherited one from each parent? S. 26
20. The first genetic experiment was discovered through? T. A, C, G, T.