Genetics Vocabulary Words

**Across**
3. A strand of DNA resembles a twisted ladder
5. The visible characteristics for a gene
10. A condition in which two allele for a given gene are different from each other
12. Where a cell divides into a new identical cell which is the same as the parent cell
14. Where neither gene for a trait is dominant
15. The father of modern genetics
16. The chance an event will happen

**Down**
1. Shows the possible gene make-ups for organisms
2. A condition in which two alleles for a given gene are the same
4. An allele whose effects are concealed in offspring by the dominant allele
6. Where a sperm cell and an egg cell unite
7. The actual gene make-up for an organism
8. A segment of DNA on a chromosome that carries the code for a specific trait
9. An allele whose expression overpowers the effect of a second form of the same gene
11. Different forms or versions of a gene
13. Found in the nucleus of the cell