Across
3. transfer of genetic material between organisms
4. An alternate form of a gene
7. cell division producing clones
11. Square used to determine probability and results of cross
13. Having identical alleles
14. The allele that is masked or covered up by the dominant allele
16. Gregor __________________, the “father of genetics”
17. a diagram showing a person’s paired chromosomes

Down
1. The genetic make-up of an organism
2. Having non identical alleles
5. allele expressed if only one is present
6. describing a pair of similar chromosomes
8. reduction division
9. The outward expression or appearance
10. A cross that involves ONE pair of contrasting traits
12. When neither allele is dominant, each is
15. The plants Mendel did his studies on