**DNA and Genetics: Chapter Two—Key Terms**

1. **Asexual reproduction—**reproduction by one parent
2. **Amoeba—**an organism made up of a single cell
3. **Sexual reproduction—**reproduction by two parents
4. **Meiosis—**process by which sex cells are produced
5. **Sperm—**male sex cells
6. **Eggs—**female sex cells
7. **Fertilization—**process of the sperm cell entering an egg cell
8. **Dominant gene—**gene that hides the effect of another gene
9. **Recessive gene—**gene whose effect is hidden by a dominant gene
10. **Purebred—**organism that has 2 genes of the same trait
11. **Hybrid—**organism with 1 dominant gene and 1 recessive gene for a given trait
12. **Punnett square—**method used to determine possible traits an offspring can have if a mom and dad mate
13. **Mutation—**permanent change in DNA that occurs when DNA copies itself
14. **Albinism—**mutation in which an organism is unable to make melanin
15. **Sickle-cell anemia—**condition in which a person’s red blood cells are sickle-shaped and unable to carry oxygen to the body’s tissues

**Directions**: Please choose two of the assignments below and complete for the above key terms. Remember to check your choices. Term this sheet in when your assignments have been completed.

* Create a *Crossword Puzzle* using the above vocabulary terms.
* Create a vocabulary quiz using all the words. (Multiple choice, matching, fill-in-the-blank, etc.) **Be sure to include an answer sheet with your quiz.**
* Make flashcards for each word
* T-notes for each word
* Use all your words to create a *Picture Dictionary*