

# VOCABULARY ANSWER KEY

(FROM JOURNAL PAGE 15)

1. A RECESSIVE trait can be carried in a person's genes and not be apparent or expressed in the individual.
2. A SOMITE is a segment of a vertebrate embryo that will eventually develop into skin, muscles, and vertebrae.
3. A branch of biology that studies inheritance throughout families. GENETICS
4. The developmental stage in which the embryo spreads out and encases the yolk. EPIBOLY
5. Coloration of living things, including eye and skin color, is produced by proteins called PIGMENTS.
6. A tool used to predict probability in offspring. PUNNETT SQUARE
7. A DOMINANT trait is expressed from a person's genes even when there is only one copy of that parental DNA present.
8. Unspecialized cells that can multiply repeatedly and can potentially develop into many types of specialized cells. STEM CELLS
9. The typical appearance of an organism in a natural population. WILDTYPE
10. The protective outer membrane surrounding the developing zebrafish embryo. CHORION
11. The full DNA sequence of an organism. GENOME
12. The NOTOCHORD is a flexible rod-shaped structure that is an early developmental stage of the vertebral column.
13. The expression of genes in an individual, such as hair color or eye shape, is one's PHENOTYPE.
14. Describes identical alleles for a given trait. HOMOZYGOUS
15. The genetic makeup for a given trait, not necessarily seen by the eye. GENOTYPE
16. Describes an individual that has two different alleles for a given trait. HETEROZYGOUS