VOCABULARY ANSWER KEY
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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**