Across
1. The defining feature of vertebrates
4. An individual with two identical copies of the same gene
6. A young organism that is physically very different from a juvenile or an adult
9. How we test our ideas in science

Down
1. Unspecialized cells that can become any cell in the body (2 words)
2. The physical or detectable manner in which a gene is expressed.
3. These traits need only one copy of their gene present in order to be expressed
5. The study of biological inheritance of traits
7. A variant of a specific gene
8. A section of DNA that affects a specific trait
ZEBRAFISH CROSSWORD SOLUTION (LEVEL 1)

Across
1  The defining feature of vertebrates
4  An individual with two identical copies of the same gene
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9  How we test our ideas in science

Down
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2  The physical or detectable manner in which a gene is expressed.
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5  The study of biological inheritance of traits
7  A variant of a specific gene
8  A section of DNA that affects a specific trait
ZEBRAFISH CROSSWORD PUZZLE (LEVEL 2)

Across
4 A developing organism that has not yet been born or hatched
6 Unspecialized cells that can become any cell in the body (2 words)
7 The country where wild zebrafish are most often found
9 A section of DNA that affects a specific trait
11 The physical or detectable manner in which a gene is expressed.
13 An individual with two identical copies of the same gene
15 The molecule containing all of an organism’s genetic information

Down
1 These traits need two copies of their gene present in order to be expressed
2 Surrounds and protects the fish embryo
3 The most common appearance of a certain organism in the wild
5 A change in a gene, sometimes resulting in a trait different from the parent
8 A variant of a specific gene
10 How we test our ideas in science
12 The genetic makeup for a certain trait
14 Provides nourishment to the fish embryo
Across
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Across
4 Surrounds and protects the fish embryo
6 The genetic makeup for a certain trait
8 Element in air and dissolved in water that both humans and fish need
11 How we test our ideas in science
14 A variant of a specific gene
16 The defining feature of vertebrates
18 An embryonic body segment that will turn into skin, muscle, and bone
19 A young organism that is physically very different from a juvenile or an adult

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1 An individual with two different versions of the same gene
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5 Unspecialized cells that can become any cell in the body (2 words)
6 The study of biological inheritance of traits
7 The type of plant that Mendel experimented with
9 ______ Mendel’s experiments laid the groundwork for modern genetics
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12 The physical or detectable manner in which a gene is expressed.
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15 Where a fish embryo gets its nourishment from
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