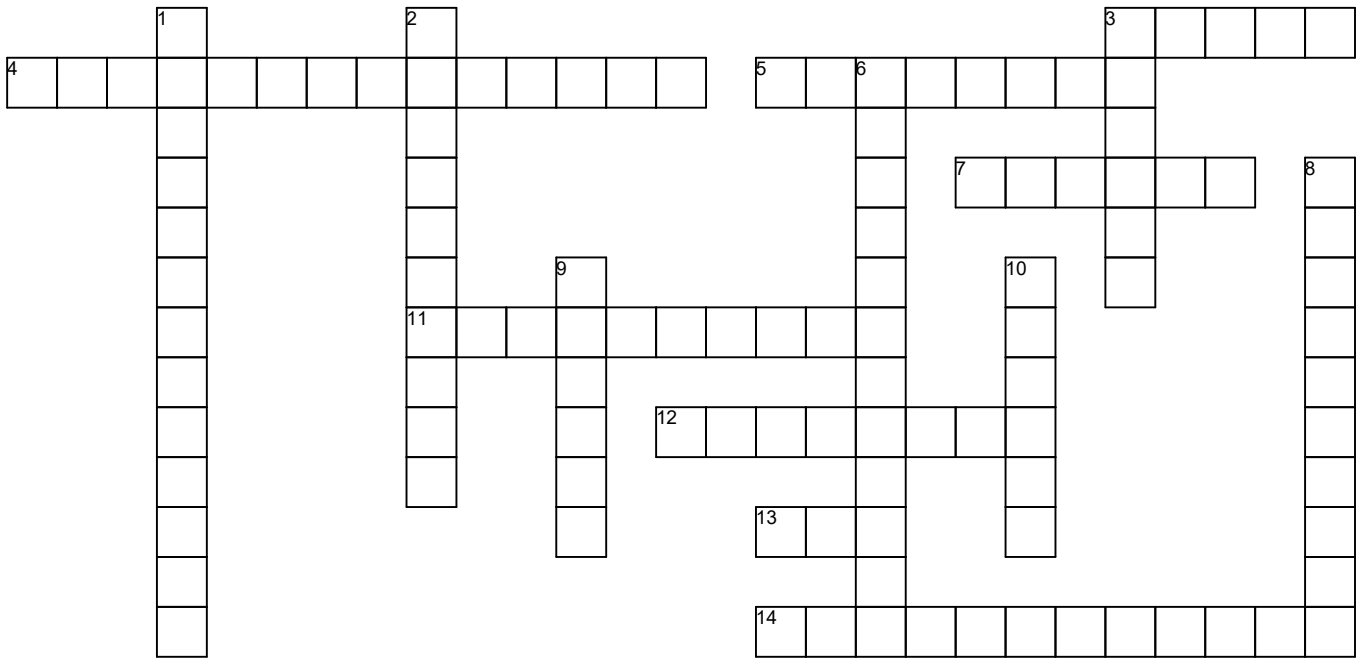


7th Grade Science Vocabulary Crossword Puzzle 23

1. Using the Across and Down clues, write the correct words in the numbered grid below.



ACROSS

3. The basic unit of heredity that consists of a segment of DNA on a chromosome.
4. The allele that determines the phenotype of an individual organism when two different copies are present in the genotype.
5. Slender threadlike structure that enables many protozoa to swim.
7. An alternate form of a gene for a specific trait or gene product.
11. The physical structure in a cell that contains the cell's genetic material.
12. The genetic makeup of an organism; all the genes that an organism has.
13. The genetic material found in all living cells that contains the information needed for an organism to grow, maintain itself, and reproduce.
14. The state of having different alleles in regard to a given character.

DOWN

1. A method of asexual reproduction; the reproduction of a cell or a one-celled organism by division into two nearly equal parts.
2. Unicellular organism; moves to eat using its cilia; asexual reproduction; sweeps food into its "mouth."
3. A sperm or egg cell containing half the usual number of chromosomes of an organism; found in the reproductive organs of a plant or animal.
6. A physical characteristic that is not inherited but may be an effect of the environment.
8. The state of having identical alleles in regard to a given character(s).
9. Green algae that form communities of multicellular spheres; moves by "waves"; mostly asexual reproduction; makes food from sunlight; supplies oxygen to the atmosphere.
10. Unicellular organism; moves by stretching and bending; asexual reproduction; engulfs and wraps around its food.

binary fission
paramecium
heterozygous
volvox
gamete

amoeba
acquired trait
dominant allele
allele
genotype

chromosome
DNA
genes
homozygous
flagella