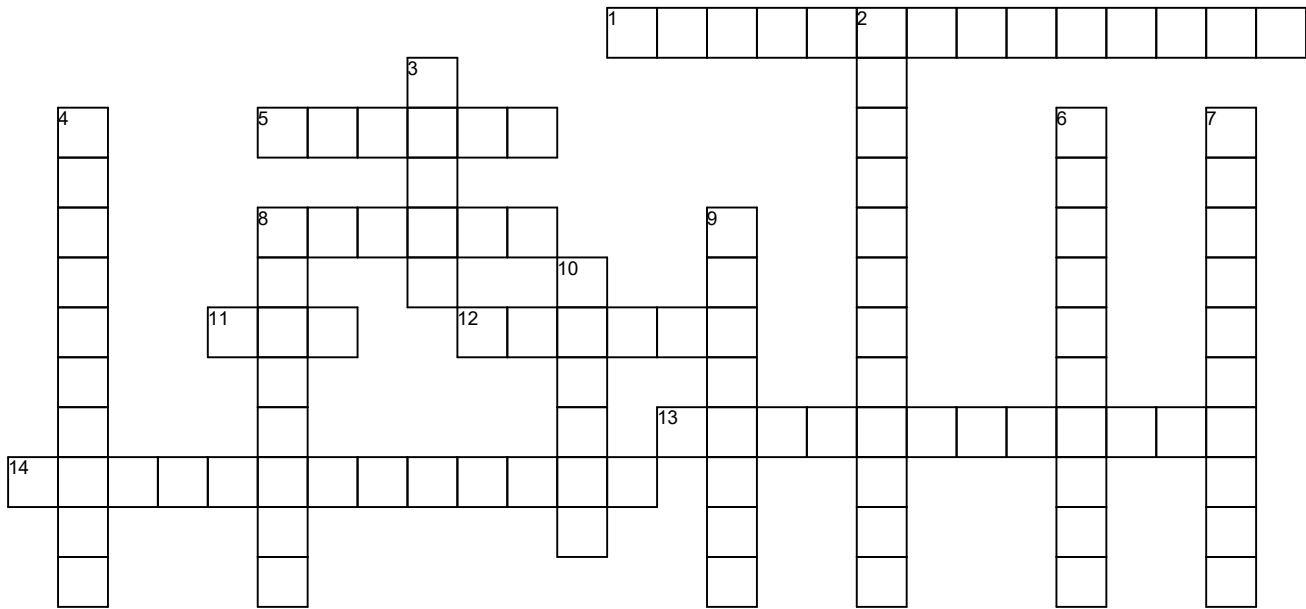


7th Grade Science Vocabulary Crossword Puzzle 17

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



ACROSS

1. The allele that determines the phenotype of an individual organism when two different copies are present in the genotype.
5. An alternate form of a gene for a specific trait or gene product.
8. 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.
11. The genetic material found in all living cells that contains the information needed for an organism to grow, maintain itself, and reproduce.
12. Unicellular organism; moves by stretching and bending; asexual reproduction; engulfs and wraps around its food.
13. The state of having different alleles in regard to a given character.
14. A method of asexual reproduction; the reproduction of a cell or a one-celled organism by division into two nearly equal parts.

DOWN

2. A physical characteristic that is not inherited but may be an effect of the environment.
3. The basic unit of heredity that consists of a segment of DNA on a chromosome.
4. Unicellular organism; moves to eat using its cilia; asexual reproduction; sweeps food into its "mouth."
6. The state of having identical alleles in regard to a given character(s).
7. The physical structure in a cell that contains the cell's genetic material.
8. The genetic makeup of an organism; all the genes that an organism has.
9. Slender threadlike structure that enables many protozoa to swim.
10. Green algae that form communities of multicellular spheres; moves by "waves"; mostly asexual reproduction; makes food from sunlight; supplies oxygen to the atmosphere.

genotype
genes
gamete
paramecium
binary fission

volvox
flagella
DNA
allele
chromosome

amoeba
heterozygous
acquired trait
homozygous
dominant allele