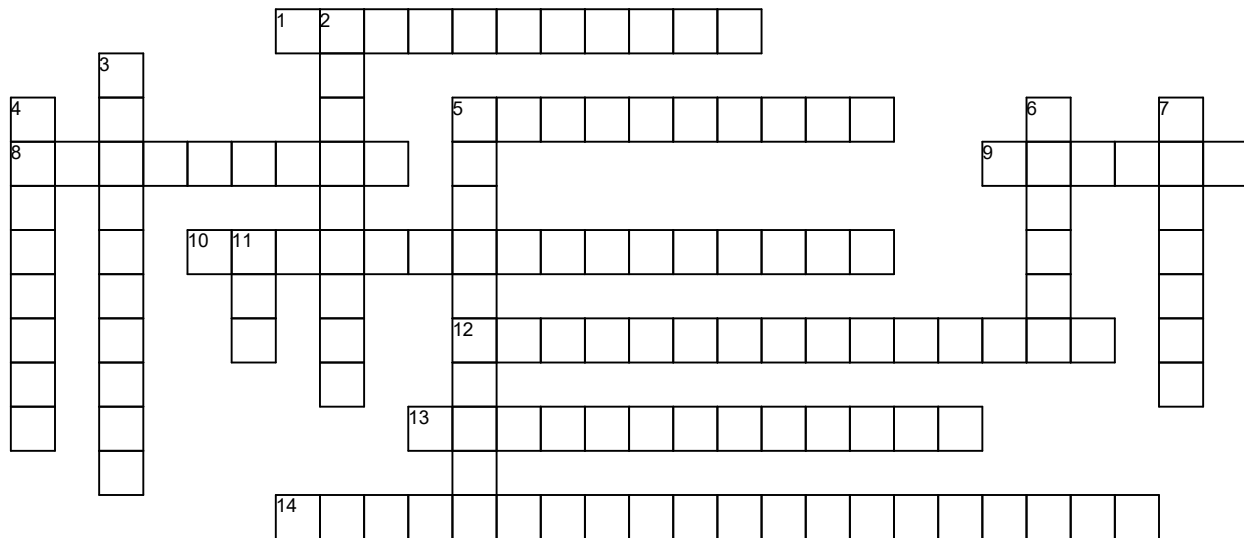


# AP Biology Vocabulary Crossword Puzzle 1

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



## ACROSS

1. The smallest of blood vessels that serve to distribute oxygenated blood from arteries to tissues of body and to feed deoxygenated blood from tissues back into veins.
5. The part of an enzyme where the substrate will bind.
8. The three nucleotide combination on the transfer RNA that matches up with the three letter on the messenger RNA.
9. Plant hormones that lead to phototropism by elongating the dark side of the plant.
10. The maximum population size of the species that the environment can sustain indefinitely, given the food, habitat, water, and other necessities available in the environment.
12. The movement of molecules across the cell membrane with the use of ATP.
13. The asexual reproduction in bacteria.
14. Any chromosome not considered as a sex chromosome, or is not involved in sex determination.

## DOWN

2. An organism that makes its own food.
3. Proteins made by the B cells that immobilize antigens.
4. A molecule that speeds up a chemical reaction by lowering the activation energy.
5. The 20 molecules that are held together by peptide bonds to make up proteins.
6. A chemical that can release or absorb hydrogen ions depending on the conditions and therefore can maintain the pH of a solution at a constant level.
7. The foreign particles or substances that trigger an immune response.
11. A high energy molecule that can be split apart to release energy for many different processes in living things.

antigen  
carrying capacity  
active site  
antibodies  
ATP

capillaries  
anticodon  
autotroph  
binary fission  
active transport

catalyst  
amino acids  
auxins  
autosomal chromosomes  
buffer