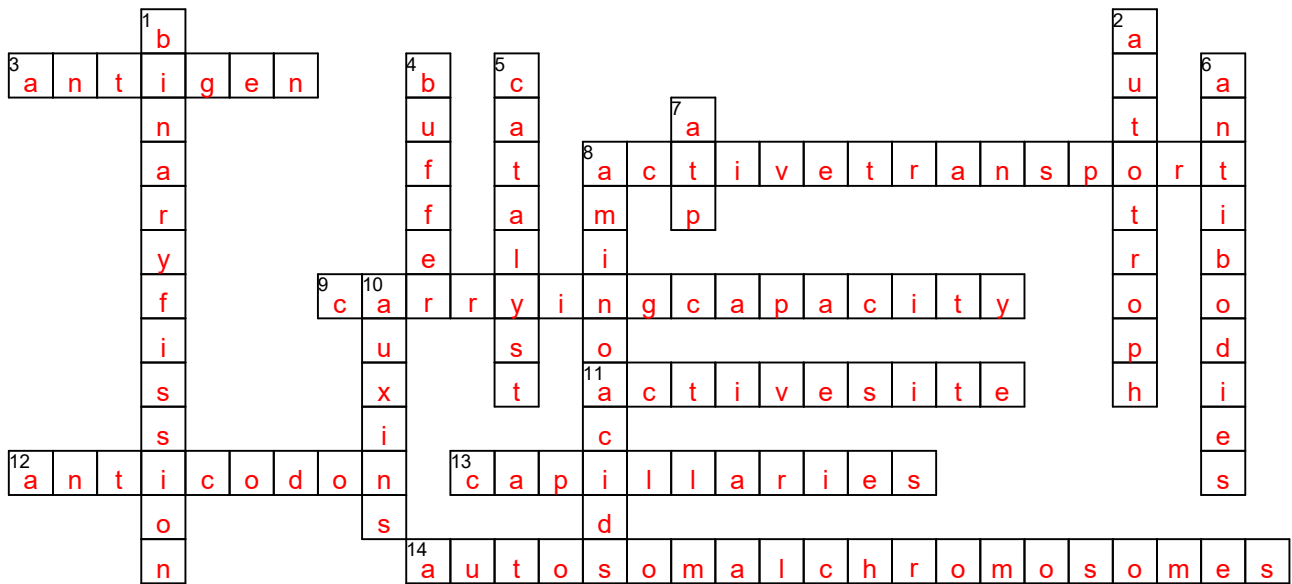


# AP Biology Vocabulary Crossword Puzzle 8

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



## ACROSS

3. The foreign particles or substances that trigger an immune response.
8. The movement of molecules across the cell membrane with the use of ATP.
9. 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.
11. The part of an enzyme where the substrate will bind.
12. The three nucleotide combination on the transfer RNA that matches up with the three letter on the messenger RNA.
13. 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.
14. Any chromosome not considered as a sex chromosome, or is not involved in sex determination.

## DOWN

1. The asexual reproduction in bacteria.
2. An organism that makes its own food.
4. 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.
5. A molecule that speeds up a chemical reaction by lowering the activation energy.
6. Proteins made by the B cells that immobilize antigens.
7. A high energy molecule that can be split apart to release energy for many different processes in living things.
8. The 20 molecules that are held together by peptide bonds to make up proteins.
10. Plant hormones that lead to phototropism by elongating the dark side of the plant.

amino acids

capillaries

antigen

catalyst

autosomal chromosomes

active transport

anticodon

auxins

active site

buffer

antibodies

ATP

binary fission

carrying capacity

autotroph