

# AP Biology Vocabulary Matching 28

Write the word that best matches each definition or clue.

1. STOMATA The small openings on the underside of leaves that allow for carbon dioxide to come in and oxygen to escape.
2. SPINDLE FIBERS The microtubules that are used to separate the chromosomes and drag them to separate sides during nuclear division.
3. ROOT The structure responsible for water absorption in plants.
4. XYLEM The vascular tissue in a plant that carries water up from the roots to the rest of the plant.
5. TRANSFER RNA RNA made from DNA that attaches to amino acids and delivers them to the mRNA in the ribosome.
6. ZYGOTE A fertilized egg
7. TRANSLATION The process of making proteins from the mRNA template.
8. SEX CHROMOSOMES The 23rd pair of chromosomes in humans that determine whether the offspring is male or female.
9. SPECIES A group of similar looking organisms that can reproduce to make fertile offspring.
10. TRANSPIRATION The evaporation of water from the stomata of a leaf that allows water to be pulled up a stem.
11. TRANSCRIPTION The making of RNA from DNA.
12. RNA The single stranded nucleic acid with uracil instead of the thymine found in DNA.
13. RNA POLYMERASE The enzyme that makes RNA from DNA.
14. SOMATIC CELL Any cell of an organism that is not a sex cell (not egg or sperm).
15. VIRUS A non-cellular infectious agent that is unable to grow or reproduce outside a host cell. contains either RNA or DNA.
16. SYMBIOSIS A long term relationship between organisms of two different species where at least one of the organisms benefits.

sex chromosomes  
stomata  
species  
somatic cell  
transcription  
translation

transfer RNA  
symbiosis  
root  
spindle fibers  
RNA

xylem  
virus  
transpiration  
RNA polymerase  
zygote