

Biology Vocabulary Checklist
Based on the OPI Science document 2009

- abiotic
- adenine
- ADP
- aerobic
- anaerobic
- anaphase
- angiosperm
- animalia
- archaea
- archaebacteria
- assortment
- ATP
- autosome
- autotroph

- bacteria
- biogeochemical cycle
- biological evolution
- biomass pyramid
- biome
- biotic
- binomial nomenclature
- body system

- carbohydrates
- carbon dioxide
- carrying capacity
- cell membrane
- cellular respiration
- chloroplast
- chromosome
- classification
- codominance
- competition
- complete dominance
- commensalism
- community
- compound light microscope
- crossing over
- cytosine

- dependent variable
- depth of field

Biology Vocabulary Checklist (cont.)

- dichotomous key**
- diffusion**
- diploid (2n)**
- DNA**
- domain**
- dominant allele**
- dynamic equilibrium**

- ecology**
- ecosystem**
- energy pyramid**
- error analysis**
- eubacteria**
- eukarya**
- eukaryote**
- evidence**
- experiment**
- experimental design**

- field of view**
- food chain**
- food web**
- fungi**

- gamete**
- gene**
- genetic material**
- genotype**
- glucose**
- guanine**
- gymnosperm**

- haploid (1n)**
- helical structure**
- heredity**
- heterotroph**
- heterozygous**
- homeostasis**
- homologous pairs**
- homozygous**
- hypothesis**

Biology Vocabulary Checklist (cont.)

- incomplete dominance**
- independent variable**
- interphase**
- invertebrate**
- investigation**

- kingdom**

- Law of Independent**
- Law of Segregation**
- limiting factors**
- lipids**

- meiosis I and II**
- metaphase**
- micrometer**
- mitochondria**
- mitosis**
- monohybrid cross**
- RNA**
- mutation**
- mutualism**

- natural selection**
- niche**
- nondisjunction**
- nucleic acids**
- nucleotide**

- organic molecule**
- osmosis**
- oxygen**

- parasitism**
- pedigree**
- peer-review**
- phenotype**
- phloem**
- photosynthesis**

Biology Vocabulary Checklist (cont.)

- plantae**
- population**
- primary succession**
- prokaryote**
- prophase**
- proteins**
- protein synthesis**
- protista**
- Punnett square**
- pyramid of numbers**

- qualitative**
- quantitative**

- recessive allele**
- replication**
- ribosome**
- ribosome**
- RNA**

- sex chromosome**
- sex-linked**
- speciation**
- species**
- succession**
- symbiosis**

- taxonomy**
- telophase**
- testable question**
- thymine**
- transcription**
- translation**
- trophic level**

- uracil**

- valid**
- vascular tissue**
- vertebrate**
- virus**

- water**

- xylem**
- zygote**