

The Big List of Biology 300 Midterms*

1. Abiogenesis
2. Active Transport
3. Adaptation
4. Adenine
5. Allele
6. Amino Acid
7. Amino Acid
8. Anaphase
9. Anticodon
10. Asexual Reproduction
11. Atom
12. ATP = Cellular energy
13. Autosome
14. Autotrophs
15. Bacteriophage
16. Base Deletion
17. Base Insertion
18. Base Pairing Rule
19. Bimolecular Layer
20. Binary fission
21. Biology
22. Bond
23. $C_6H_{12}O_6$
24. Carbohydrate
25. Cell
26. Cell cycle
27. Cell membrane
28. Cell plate
29. Cell theory
30. Cell Wall

31. Cellular respiration – (Aerobic Respiration)
32. Cellulose
33. Centriole
34. Centromere
35. Chlorophyll
36. Chloroplast
37. Chromatid
38. Chromatin
39. Chromosomal mutation
40. Chromosome
41. Cilia
42. CO₂
43. Codominance
44. Codon
45. Color Blindness
46. Community
47. Compound
48. Consumer
49. Control group
50. Controlled experiment
51. Covalent bond
52. Cristae
53. Crossing over
54. Cytokinesis
55. Cytoplasm
56. Cytosine
57. Cytoskeleton
58. Data
59. Decomposer
60. Dependant variable
61. Development
62. Diffusion

63. Diploid
64. DNA
65. DNA Polymerase
66. Dominant Gene
67. Double helix
68. Down Syndrome
69. Dynamic Equilibrium
70. Electron
71. Element
72. Endocytosis
73. Endoplasmic Reticulum (ER)
74. Energy
75. Equilibrium
76. Eukaryote
77. Evolution
78. Exocytosis
79. Exons
80. Experiment
81. Experimental group
82. Facilitated Diffusion
83. Fertilization
84. Flagella
85. Fluid Mosaic Model
86. Food Chain
87. Gamete
88. Gene
89. Gene mutation
90. Gene Segregation
91. Genetic recombination
92. Genotype
93. Glucose
94. Golgi body (Golgi Apparatus)

95. Griffith's Experiment
96. Growth
97. Guanine
98. H₂O
99. Haploid
100. Helicase
101. Hemophilia
102. Hershey and Chase (Blender Experiment)
103. Heterotrophs
104. Heterozygous
105. Homeostasis
106. Homologous chromosomes
107. Homologue
108. Homozygous
109. Hooke
110. Huntington's Disease
111. Hybrid
112. Hydrophilic
113. Hydrophobic
114. Hypertonic
115. Hypothesis
116. Hypotonic
117. Incomplete dominance
118. Independent assortment
119. Independent variable
120. Interphase
121. Introns
122. Ionic bond
123. Irritability
124. Isotonic
125. Karyotype
126. Klinefelters Syndrome

127. Lateral Movement
128. Law
129. Lipid
130. Loci
131. Lysosome
132. Matter
133. Meiosis
134. Mendel
135. Metabolism
136. Metaphase
137. Microfilament
138. Microtubule
139. Mitochondria
140. Mitosis
141. Molecule
142. Monomer
143. mRNA
144. Mutagen
145. Mutation
146. Neutron
147. Nitrogen Base Pair
148. Nondisjunction
149. Nuclear membrane (nuclear envelope)
150. Nuclear pore
151. Nucleic Acid
152. Nucleolus
153. Nucleotide
154. Nucleus
155. O₂
156. Organ
157. Organ system
158. Organelle

159. Organism
160. Organization
161. Osmosis
162. Passive Transport
163. Phagocytosis
164. Phenotype
165. Phospholipid
166. Photosynthesis
167. Pinocytosis
168. Plasma Membrane
169. Plasmolysis
170. Plastid
171. Point mutation
172. Polymer
173. Polypeptide
174. Probability
175. Producer
176. Prokaryote
177. Prophase
178. Protein
179. Proton
180. Punnett square
181. Recessive Gene
182. Recombinant DNA
183. Redi's Experiment
184. Replication
185. Reproduction
186. Resolving power
187. Ribosome
188. RNA
189. RNA Polymerase
190. Scanning Electron Microscope (SEM)

191. Science
192. Selectively Permeable Membrane
193. Sex chromosome
194. Sex linked trait
195. Sexual reproduction
196. Somatic cell
197. Spindle Fibers
198. Spontaneous generation
199. Spore
200. Start codon
201. Stop codon
202. Sugar
203. Symbiosis
204. System
205. Tay-Sachs Disease
206. Technology
207. Telophase
208. tetrad
209. Theory
210. Thymine
211. Tissue
212. Trait
213. Transcription
214. Translation
215. Transmission Electron Microscope (TEM)
216. Transport Protein
217. Trisomy
218. tRNA
219. Turgor Pressure
220. Turner's Syndrome
221. Uracil
222. Vacuole

- 223. Variation
- 224. Vesicle
- 225. Viable
- 226. Watson and Crick
- 227. Zygote

* The author of The Big List of Biology 300 Midterms makes no guarantees as to the completeness of this list. Users of this list accept the risk of using a vocabulary list not officially recognized by the Biology teachers of DHS. Inclusion or omission of terminology on this list does not indicate its presence or absence on the midterm. Data indicating the effectiveness of this list as a study guide has not been collected. In fact, this list, when used in isolation is a very poor study tool. The process of reviewing your notes and filling out this list, while simultaneously drawing connections between the terminology, diagrams, laboratory activities and the real world, should be seen as the first step towards studying. The terms in this list were taken exclusively from the Key Vocabulary column of the homework sheets freely available at www.darienps.org/teachers/otterpool