

Honors Biology Prefix Pkt.

Scientific Root Words, Prefixes, And Suffixes

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The breakdown is as follows:

1 st 6 weeks	3 quizzes (1-20, 21-40, 41-60)	4 th 6 weeks	5 quizzes (261-280, 281-300, 301-320, 321-340, 341-360) and 1 test (201-300)
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3 rd 6 weeks	5 quizzes (161-180, 181-200, 201-220, 221-240, 241-260) and 1 test (101-200)	6 th 6 weeks	1 test (401-450) and Comprehensive test over all

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|---|--|------------------------------------|
| 1. a-, an- not, without, lacking, deficient | 27. anter- front | 51. bene- well, good |
| 2. ab- away from, out from | 28. antho- flower | 52. bi- (Latin) two twice |
| 3. -able capable of | 29. anti- against, opposite | 53. bi-, bio- (Greek) life, living |
| 4. ac- to, toward | 30. anthropo- man, human | 54. -blast- sprout, germ, bud |
| 5. -aceous of or pertaining to | 31. -ap-, -aph- touch | 55. brachi- arm |
| 6. acou-, acous- hear | 32. apo-, ap- away from | 56. brachy- short |
| 7. ad- to, toward | 33. aqu- water | 57. brady- slow |
| aden- gland | 34. archaeo- primitive, ancient | 58. branchi- fin |
| 9. adip- fat | 35. -ary, -arium denotes a place for something | 59. brev- short |
| 10. aero- air | 36. arteri- artery | 60. bronch- windpipe |
| 11. agri- field, soil | 37. arthr- joint, articulation | 61. cac- bad |
| 12. -al having the character of | 38. -ase forms names of enzymes | 62. calor- heat |
| 13. alb- white | 39. aster-, astr- star | 63. capill- hair |
| 14. alg-, -algia pain | 40. -ate verb form – the act of | 64. capit- head |
| 15. alto- high | 41. anther- fatty deposit | 65. carcin- cancer |
| 16. ambi- both | 42. -ation noun form – the act of | 66. cardi- heart |
| 17. ameb- change, alternation | 43. atmo- vapor | 67. carn- meat, flesh |
| 18. amni- fetal membrane | 44. audi- hear | 68. carp- fruit |
| 19. amphi-, ampho- both | 45. aur- ear | 69. carpal- wrist |
| 20. amyl- starch | 46. auto- self | 70. cata- breakdown, downward |
| 21. ana- up, back, again | 47. bacter-, bactr- bacterium, stick, club | 71. caud- tail |
| 22. andro- man, masculine | 48. barb- beard | 72. -cell- chamber, small room |
| 23. anemo- wind | 49. baro- weight | 73. cen-, cene- now, recent |
| ang- choke, feel pain | 50. bath- depth, height | 74. cente- pierce |
| 25. angi- blood, vessel, duct | | 75. centi- hundredth |
| 26. ante- before, ahead of time | | 76. centr- center |
| | | 77. cephal- head |

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| <p>78. cerat- horn</p> <p>79. cerebr- brain</p> <p><u>80. cervic- neck</u></p> <p>81. chel- claw</p> <p>82. chem- dealing with chemicals</p> <p>83. chir- hand</p> <p>84. chlor- green</p> <p>85. chondr- cartilage</p> <p>86. chrom-, -chrome color</p> <p>87. chron- time</p> <p>88. -chym- juice</p> <p>89. -cid-, -cis- cut, kill, fall</p> <p>90. circa-, circum- around, about</p> <p>91. cirru- hairlike curls</p> <p>92. co- with, together</p> <p>93. cocc- seed, berry</p> <p>94. coel- hollow</p> <p>95. coll- glue</p> <p>96. con- cone</p> <p>97. contra- against</p> <p>98. corp- body</p> <p>99. cort-, cortic- outer layer</p> <p><u>100. cosmo- world, order, form</u></p> <p>101. cotyl- cup</p> <p>102. counter- against</p> | <p>103. crani- skull</p> <p>104. cresc-, cret- begin to grow</p> <p>105. crypt- hidden, covered</p> <p>106. -cul-, -cule small, diminutive</p> <p>107. cumul- heaped</p> <p>108. cuti- skin</p> <p>109. cyan- blue</p> <p>110. -cycle, cycl- ring, circle</p> <p>111. -cyst- sac, pouch, bladder</p> <p>112. cyt-, -cyte cell, hollow container</p> <p>113. dactyl- finger</p> <p>114. de- away from, down</p> <p>115. deca- ten</p> <p>116. deci- tenth</p> <p>117. deliquesc- become fluid</p> <p>118. demi- half</p> <p>119. dendr- tree</p> <p><u>120. dent- tooth</u></p> <p>121. derm- skin</p> <p>122. di-, dipl- (Latin) two, double</p> <p>123. di-, dia- (Greek) through, across, apart</p> <p>124. dia- (Latin) day</p> <p>125. digit- finger, toe</p> | <p>126. din- terrible</p> <p>127. dis- apart, out</p> <p>128. dorm- sleep</p> <p>129. dors- back</p> <p>130. du-, duo- two</p> <p>131. -duct lead</p> <p>132. dynam- power</p> <p>133. dys- bad, abnormal, difficult</p> <p>134. ec- out of, away from</p> <p>135. echin- spiny, prickly</p> <p>136. eco- house</p> <p>137. ecto- outside of</p> <p>138. -elle small</p> <p>139. -emia blood</p> <p>140. en-, endo-, ent- in, into, within</p> <p><u>141. -en made of</u></p> <p>142. encephal- brain</p> <p>143. enter- intestine, gut</p> <p>144. entom- insects</p> <p>145. -eous nature of, like</p> <p>146. epi- upon, above, over</p> <p>147. -err- wander, go astray</p> <p>148. erythro- red</p> <p>149. -escent becoming</p> <p>150. eso- inward, within, inner</p> |
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| <p>151. eu- well, good, true, normal</p> <p>152. eury- widen</p> <p>153. ex- out of, away from</p> <p>154. extra- beyond, outside</p> <p>155. -fer- bear, carry, produce</p> <p>156. ferro- iron</p> <p>157. fibr- fiber, thread</p> <p>3. -fid, fiss- split, divided into</p> <p>159. -flect, -flex bend</p> <p><u>160. flor- flower</u></p> <p>161. flu-, fluct-, flux flow</p> <p>162. foli- leaf</p> <p>163. fract- break</p> <p>164. -gam- marriage</p> <p>165. gastr- stomach</p> <p>166. geo- land, earth</p> <p>167. -gen, -gine producer, former</p> <p>168. -gene- origin, birth</p> <p>169. -gest- carry, produce, bear</p> <p>170. -glen- eyeball</p> <p>171. -glob- ball, round</p> <p>172. gloss- tongue</p> <p>3. gluc-, glyc- sweet, sugar</p> <p>174. glut- buttock</p> <p>175. gnath- jaw</p> | <p>176. -gon angle, corner</p> <p>177. -grad- step</p> <p>178. -gram, graph record, writing</p> <p>179. grav- heavy</p> <p><u>180. -gross- thick</u></p> <p>181. gymno- naked, bare</p> <p>182. gyn- female</p> <p>183. gyr- ring, circle, spiral</p> <p>184. -hal-, -hale breathe, breath</p> <p>185. halo- salt</p> <p>186. hapl- simple</p> <p>187. hector- hundred</p> <p>188. -helminth- worm</p> <p>189. hem- blood</p> <p>190. hemi- half</p> <p>191. hepar-, hepat- liver</p> <p>192. herb- grass, plants</p> <p>193. hetero- different, other</p> <p>194. hex- six</p> <p>195. hibern- winter</p> <p>196. hidr- sweat</p> <p>197. hipp- horse</p> <p>198. hist- tissue</p> <p>199. holo- entire, whole</p> <p><u>200. homo- (Latin) man, human</u></p> <p>201. homo- (Greek) same, alike</p> | <p>202. hort- garden</p> <p>203. hydr- water</p> <p>204. hydr- moist, wet</p> <p>205. hyper- above, beyond over</p> <p>206. hyph- weaving, web</p> <p>207. hyphno- sleep</p> <p>208. hypo- below, under, less</p> <p>209. hyster- womb, uterus</p> <p>210. -iae person afflicted with disease</p> <p>211. -iasis disease, abnormal condition</p> <p>212. -ic (adjective former)</p> <p>213. -chthy- fish</p> <p>214. ign- fire</p> <p>215. in-, il-, im-, ir- not</p> <p>216. in-, il-, im-, ir- to, toward, into</p> <p>217. in- very, thoroughly</p> <p>218. -ine of or pertaining to</p> <p>219. infra- below, beneath</p> <p><u>220. inter- within, inside</u></p> <p>221. intra- between</p> <p>222. -ism a state or condition</p> <p>223. iso- equal, same</p> <p>224. -ist person who deals with</p> <p>225. -it is inflammation, disease</p> |
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| <p>226. -ium refers to a part of the body</p> <p>227. -kary- cell nucleus</p> <p>228. kel- tumor, swelling</p> <p>229. kerat- horn</p> <p>230. kilo- thousand</p> <p>231. kine- move</p> <p>232. lachry- tear</p> <p>233. lact- milk</p> <p>234. lat- side</p> <p>235. leio- smooth</p> <p>236. -less without</p> <p>237. leuc-, leuk- white, bright, light</p> <p>238. lign- wood</p> <p>239. lin- line</p> <p>240. lingu- tongue</p> <hr/> <p>241. lip- fat</p> <p>242. lith-, -lite stone, petrifying</p> <p>243. loc- place</p> <p>244. -log- word, speech</p> <p>245. -logist one who studies</p> <p>246. -logy study of</p> <p>247. lumin- light</p> <p>248. -lys, -lyt, -lyst decompose, split, dissolve</p> <p>249. macr- large</p> | <p>250. malac- soft</p> <p>251. malle- hammer</p> <p>252. mamm- breast</p> <p>253. marg- border, edge</p> <p>254. mast- breast</p> <p>255. med- middle</p> <p>256. meg- million, great</p> <p>257. mela-, melan- black, dark</p> <p>258. -mer part</p> <p>259. mes- middle, half, intermediate</p> <p>260. met-, meta- between, along, after</p> <hr/> <p>261. -meter, -metry measurement</p> <p>262. micro- small, millionth</p> <p>263. milli- thousandth</p> <p>264. mis- wrong, incorrect</p> <p>265. mito- thread</p> <p>266. mole- mass</p> <p>267. mono- one, single</p> <p>268. mort- death</p> <p>269. mot- move</p> <p>270. morph- shape, form</p> <p>271. multi- many</p> <p>272. mut- change</p> <p>273. my- muscle</p> | <p>274. myc- fungus</p> <p>275. mycel- threadlike</p> <p>276. myriad- many</p> <p>277. moll- soft</p> <p>278. nas- nose</p> <p>279. necr- corpse, dead</p> <p>280. nemat- thread</p> <hr/> <p>281. neo- new, recent</p> <p>282. nephro- kidney</p> <p>283. -ner- moist, liquid</p> <p>284. neur- nerve</p> <p>285. noct-, nov- night</p> <p>286. -node knot</p> <p>287. -nom-, -nomy ordered knowledge, law</p> <p>288. non- not</p> <p>289. not- back</p> <p>290. nuc- center</p> <p>291. ob- against</p> <p>292. ocul- eye</p> <p>293. oct- eight</p> <p>294. odont- tooth</p> <p>295. -ond form, appearance</p> <p>296. olf- smell</p> <p>297. oligo- few, little</p> <p>298. -oma abnormal condition, tumor</p> |
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| <p>299. omni- all</p> <p>300. onc- mass, tumor</p> <hr style="width: 25%; margin-left: 0;"/> <p>301. oo- egg</p> <p>302. ophthalm- eye</p> <p>303. opt- eye</p> <p>304. orb- circle, round, ring</p> <p>305. -orium, -ory place for something</p> <p>306. ornith- bird</p> <p>307. orth- straight, correct, right</p> <p>308. oscu- mouth</p> <p>309. -osis abnormal condition</p> <p>310. oste- bone</p> <p>311. oto- ear</p> <p>312. -ous full of</p> <p>313. ov- egg</p> <p>314. oxy- sharp, acid, oxygen</p> <p>315. pachy- thick</p> <p>316. paleo- old, ancient</p> <p>317. palm- broad, flat</p> <p>318. pan- all</p> <p>319. par-, para- beside, near, equal</p> <p>320. path-, -pathy disease, suffering</p> <hr style="width: 25%; margin-left: 0;"/> <p>321. -ped- foot</p> <p>322. -ped- child</p> | <p>323. pent- five</p> <p>324. per- through</p> <p>325. peri- around</p> <p>326. permea- pas, go</p> <p>327. phag- eat</p> <p>328. pheno- show</p> <p>329. -phil- loving, fond of</p> <p>330. phon-, -phone sound</p> <p>331. -phore,, pher- bear, carry</p> <p>332. photo- light</p> <p>333. phren- mind, diaphragm</p> <p>334. phyc- seaweed, algae</p> <p>335. phyl- related group</p> <p>336. -phyll leaf</p> <p>337. physic- nature, natural qualities</p> <p>338. phyt-, phyte plant</p> <p>339. pino- drink</p> <p>340. pinni- feather</p> <hr style="width: 25%; margin-left: 0;"/> <p>341. plan- roaming, wandering</p> <p>342. plasm-, -plast- form, formed into</p> <p>343. platy- flat</p> <p>344. pleur- lung, rib, side</p> <p>345. pneumo- lungs, air</p> <p>346. -pod foot</p> <p>347. ply- many, several</p> | <p>348. por- opening</p> <p>349. port- carry</p> <p>350. post- after, behind</p> <p>351. pom fruit</p> <p>352. pre- before, ahead of time</p> <p>353. prim- first</p> <p>354. pro- forward, favoring, before</p> <p>355. proto- first, primary</p> <p>356. pseudo- false, deceptive</p> <p>357. psych mind</p> <p>358. pter- having wings or fins</p> <p>359. pulmo- lung</p> <p>360. puls- drive, push</p> <hr style="width: 25%; margin-left: 0;"/> <p>361. pyr- heat, fire</p> <p>362. quadr- four</p> <p>363. quin- five</p> <p>364. radi- ray</p> <p>365. re- again, back</p> <p>366. rect- right, correct</p> <p>367. ren- kidney</p> <p>368. ret- net, made like a net</p> <p>369. rhag-, -rrhage burst forth</p> <p>370. rhe-, rhea flow</p> <p>371. rhin- nose</p> <p>372. rhiz- root</p> <p>373. rhodo- rose</p> |
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| <p>374. roto- wheel</p> <p>375. rubr- red</p> <p>376. sacchar- sugar</p> <p>377. sapr- rotten</p> <p>378. sarc- flesh</p> <p>379. saur- lizard</p> <p>380. schis-, schiz- split, divide</p> <p>381. sci- know</p> <p>382. scler- hard</p> <p>383. -scop- look, device for seeing</p> <p>384. -scribe, -script write</p> <p>385. semi- half, partly</p> <p>386. sept- partition, seven</p> <p>387. -septic infection, putrefaction</p> <p>388. sess- sit</p> <p>389. sex- six</p> <p>390. -sis condition, state</p> <p>391. sol- sun</p> <p>392. solv- loosen, free</p> <p>393. som-, somat-, -some body</p> <p>394. somn- sleep</p> <p>395. son- sound</p> <p>396. spec-, spic- look at</p> <p>397. -sperm- seed</p> <p>398. -spher- ball, round</p> | <p>399. spir-, -spire breathe</p> <p>400. -spor- seed</p> <p>401. stat-, -stasis standing, placed, staying</p> <p>402. stell- stars</p> <p>403. sten- narrow</p> <p>404. stern- chest, breast</p> <p>405. stom-, -stome mouth</p> <p>406. strat- strat</p> <p>407. stereo- solid, 3-dimensional</p> <p>408. strict- drawn tight</p> <p>409. styl- pillar</p> <p>410. sub- under, below</p> <p>411. super-, sur- over, above, on top</p> <p>412. sym-, syn- together</p> <p>413. tachy- quick, swift</p> <p>414. tarso- ankle</p> <p>415. tax- arrange, put in order</p> <p>416. tele- far off, distant</p> <p>417. telo- end</p> <p>418. terr- earth, land</p> <p>419. tetr- four</p> <p>420. thall- young shoot</p> <p>421. -the-, -thes- put</p> <p>422. -thel- cover a surface</p> | <p>423. therm- heat</p> <p>424. -tom- cut, slice</p> <p>425. toxico- poison</p> <p>426. top- place</p> <p>427. trache- windpipe</p> <p>428. trans- across</p> <p>429. tri- three</p> <p>430. trich- hair</p> <p>431. -trop- turn, change</p> <p>432. -troph- nourishment, one who feels</p> <p>433. turb- whirl</p> <p>434. -ul-, -ule diminutive, small</p> <p>435. ultra- beyond</p> <p>436. uni- one</p> <p>437. ur- urine</p> <p>438. -ura tail</p> <p>439. vas- vessel</p> <p>440. vect- carry</p> <p>441. ven-, vent- come</p> <p>442. ventr- belly, underside</p> <p>443. -verge turn, slant</p> <p>444. vig- strong</p> <p>445. vit-, viv- life</p> <p>446. volv- roll, wander</p> <p>447. -vor- devour, eat</p> <p>448. xanth- yellow</p> |
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449. xero- dry

450. xyl- wood

451. zo-, -zoa animal

452. zyg- joined together

453. zym-yeast