

1. sky [xeɪ 55]
2. sun [ʃi44 pʰi31]
3. star [ɛiε55]
4. moon [mi55ʃua33] (my55?)
5. tree [dʒwu31] [əʊ?]
6. flower [xɔ34]
7. wind [pi34sɯ44] +u? 13.22-15.51
8. cloud [lu43kɔ34]
9. rain (noun) [vv, 33ɛi33]
10. to rain (verb) [wɔ?41vv, 33ɛi33]
11. lightening (verb) x
12. river [k334]
13. lake x
14. fire (noun) [xuɛi33]
15. mountain [s3?42]
16. front [tɯu31 mɯu55] +u? 33.13-34.52
17. back [dɔ42 ?ɯu33]
18. right (direction) [tsɛ?43 pɔ32]
19. left (direction) [pi34 pɔ32]
20. up, above [dɔ33 pɔ32]
21. down, below [ɛ33 pɔ32]
22. this year [kɛ44 tsɿ44 sua33]
23. last year [na32 tsɿ55 sua33]
24. next year [mɛ44 tsɿ44 sua33]
25. ox [ŋɯu31]
26. horse [mɛ33]
27. pig [tɛi42]
28. cat [mi44] (my44?)
29. dog [kʰua33] (ua?)
30. hen [kɛi34]
31. duck [a33]
32. fish [ɯ34]
33. butterfly [kuɔ55 li44] ask speaker again (rhotic?) (uɔ?uo?)
34. spider x
35. fly (the insect) [zɯu31]
36. mosquito [mɔ33 tsɿ33] muɔ?
37. maize [ni55mɛ55]
38. pumpkin [tɕu44kua44]
39. cucumber [pʰɔ33] pɔ?
40. root [tɛi33 lɛi32]
41. leaf [sɛi33]
42. sprout [ŋɛ32]
43. seed [dʒə33]
44. head [tɯu32pɔ32]
45. hair [tɯu32ma24]
46. face [dʐu33ŋuɛi33]
47. eye [ŋuei33sa44]

48. nose [pi43 fv, 44tɯ42nεi32]
 49. ear [ŋo43tɯu?41pʰɔ33]
 50. mouth [tɕu33 kɛ33 nεi32]
 51. shoulder x
 52. hand [ʂɯu33 pʰɔ33]
 53. foot [kɔ33pʰɔ33]
 54. tooth [tsɿ33pa33]
 55. tongue [tsεi?53pʰi31]
 56. finger [ʂɯ33tsɿ33tʰɯu32]
 57. knee x
 58. bone [kua33tɯu32]
 59. blood [sua33]
 60. old person [gu33ni31]
 61. child [sɿ44tsɿ33ŋo33]
 62. father [a34 ti33]
 63. mother [a34 mɔ33] 172.4s
 64. son [tsɿ33 ŋi32]
 65. daughter [ŋo33 ni32]
 66. house [pʰo43 kɛ34]
 67. family [ha43 tə34] ə to schwa? 182.98s
 68. road [tʰɔ33]
 69. bridge [ku32]
 70. wall [ŋø33 kʰɛ44]
 71. pillar x
 72. door [mɛi32 sɛi?43]
 73. ear ring [ɛ32 huɛi43]
 74. bracelet x
 75. shoe [ŋɛ32 tɕi33]
 76. salt [pi34]
 77. brown suger [sɔ34 tɔ43]
 78. soup [xɛ44 u44]
 79. alcohol(drink) [li32 tɕʰi44]
 80. hoe [tsɔ32 sɛi42] 208s
 81. knife [ji33 ta33 dzɿ33]
 82. tea [tsɔ32 sɛi33] 212s
 83. bucket [tʰɯ32 nɛi32] schwa?
 84. basin [pa32 nɛi32]
 85. bowl [kɛi32 pɛi31]
 86. chopsticks [dzɔ32 ŋa44]
 87. spoon [tʰio?43 kɔ33 nɛi32] mandarin borrowing?
 88. gourd ladle [my34 dzɔ42 pʰi32]
 89. table [tsuɔ34 tsɿ43]
 90. stool [pa?31 tɔ44] second vowel schwa? 230s
 91. bed [tsuɔ32 tsə34] second vowel schwa? 235.15s
 92. mirror [kɛ43 mi32]
 93. comb (noun) [ʃə34 pʰi32] first vowel schwa? 240.34s
 94. lock (noun) [suɔ33 kɯu31]

95. key [tsuo?31 kw34 t̥a31]
 96. scissors [tsεi32 ta23 pε42]
 97. paper [dz̩i33]
 98. pen [fv, 43 kua42]
 99. book [ʃ̩i34]
 100. voice [tsʰε44 t̥ε̥i33]
 101. name (noun) [mi̥34 tsʰε44]
 102. ghost [g333 t̥wu32] first vowel schwa?
 103. money [tsεi32]
 104. medicine [jɔ33]
 105. listen [t̥ε̥44]
 106. smell (verb) [tʃ̩u55]
 107. eat [juu33]
 108. drink(verb) [wu33]
 109. bite (verb) [ŋa33]
 110. chew [tso?42]
 111. spit [tsʰi44 t̥ε̥i33]
 112. vomit [kʰuei33]
 113. read [χwu42]
 114. shout [k334] schwa/wedge?
 115. take [na34]
 116. pull [dʒi33 kʰwu33]
 117. push [ma34 kʰwu44]
 118. kick [tso?43]
 119. kneel [gə32]
 120. step on [tsʰεi43 t̥wu33]
 121. ride [kwu32] ?????
 122. walk [ŋɛ32]
 123. sit [kə?31 t̥iwu44] ????
 124. carry something on the back [jɛ?43] / [vv, 32 t̥ei22]
 125. carry someone on the back [pεi44 ni32 kε23] schwa?[pεi44 niɛ34 ni32]
 126. fall down [tua42 kʰε44]
 127. sleep [tsʰε33]
 128. buy [mε43]
 129. sell [kwu32]
 130. write [wε31]
 131. stir fry [tʃ̩u33]
 132. cut (with a knife) [tʃ̩ua33]
 133. chop [tɔ?43]
 134. cut (with scissors) [tsεi42]
 135. to dry in the sun [gɔ32]
 136. wash [sεi33]
 137. hide (verb) [tso?42 kʰwu33]
 138. look for [j̩i32]
 139. use [ʒɔ31]
 140. ask [piε33]
 141. answer [gã32 ŋwu44 mwu44]

142. tell [gă32 pɯu44 tɯu44]
143. help [ta31 ɻɯu43 vă31]
144. encounter/run into [jy33 tɯu33]
145. escape [mu32]
146. chase [kε43]33?
147. rob [tε̥ha32]
148. steal [da32]
149. deceive [tε̥o32]
150. get angry [tε̥hi33 tsa33]
151. hate [χɯu33]
152. fear (verb) [kε̥34]
153. laugh [sə32]
154. cry [kʰo33]
155. believe [εi32]
156. know [zɯu33 tɯu33]
157. guess [tsʰεi32]
158. remember [tεi33 tɯu33]
159. believe [εi32]
160. forget [tεi33 tua32]
161. come [ŋiɯu34]
162. go [ŋε32]
163. to go out of [pεi33 tε̥hi33]
164. to go into [pεi33 ŋiɯu34]
165. get married to a man x
166. get married to a woman x
167. shiver x
168. to swell x
169. to die [εi33]
170. (dog) bark [kʰua33 mε32] ua??
171. big [də32]
172. small [sεi32]
173. high, tall [ka34]
174. low [bi33]
175. long [tsə31]
176. short [tsʰɯu44]
177. thick (in girth) [tʃʰu55]
178. thin (in girth) [mɔ?43]
179. thick [gɯu33]
180. thin, flimsy [po?43]
181. far [duei33 tsʰə31] schwa? 530s
182. near [dʐεi33 tsʰə31] schwa?
183. great in number [tεi34]
184. small in number [εiɔ33]
185. bent [wε34 nɔ33]
186. straight [mjɔ?43 nɔ33]
187. light in weight [tsʰε44]
188. heavy [dzə33]

189. hard [ŋɛ31]
190. bright [l̥ia33] ia??
191. soft [ʒuɛi31] / [ŋo34]
192. red [tsʰɛ33]
193. yellow [ŋwɔ31]schwa?557.15s
194. blue [tɛʰɛ44]
195. white [pɛ?42]
196. black [χwɔ33]
197. green [lə33]
198. good [fɛi34]
199. bad [p̥wɔ31 fɛi34]
200. slow [kʰua44]
201. dry [ka34]
202. wet [pʰɛ44]
203. new [ɛi55 nɔ33]
204. old [g̥wɔ31 nɔ33]
205. raw [xɛ55 nɔ33]
206. cooked (adjective) [χwɔ33 nɔ33]

highest: 328(6.7s) 333(75s) 375 ?(280s) 347.2(281s, 306s) 379 (368s) 338 (521s) 371 (527s)

353 375

Lowest 73

highest 375 – lowest 73 =302

302/5=60.4

1=73-133.4

2=133.4-193.8

3=193.8-254.2

4=254.2-314.6

5=314.6-375