## Research Study Recommendations Words Per Minute (WPM)

(Students with normal vision)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Grade | Rasinski | Hasbrouck & Tindal | Manzo | Harris & Sipay | Reading A-Z early rate | Reading A-Z end Rate |
| 1st | 80 | 23 - 53 | 30 - 54 | 60 – 90 | 50 | 70 |
| 2nd | 90 | 51- 89 | 66 -104 | 85 - 120 | 70 | 100 |
| 3rd | 110 | 71-107 | 86 - 124 | 115 - 140 | 100 | 130 |
| 4th | 140 | 94 -123 | 95 – 130 | 140 - 170 | 130 | 140 |
| 5th | 150 | 110 -139 | 108 - 140 | 170 - 195 | 140 | 160 |
| 6th | 180 | 127 - 150 | 170 - 195 | 195 - 220 | 160 | 170 |

## Oral and Silent Reading Rates for Students Without Visual Impairments

(From Foundations of Low Vision: Clinical and Functional Perspectives by Corn and Koenig)

|  |  |  |
| --- | --- | --- |
| Grade | Oral Reading | Silent Reading |
| 1st | 60 | Less than 81 |
| 2nd | 70 | 82 - 108 |
| 3rd | 90 | 109 - 130 |
| 4th | 120 | 131 - 147 |
| 5th | 120 | 148 - 161 |
| 6th | 150 | 162 - 174 |
| 7th | 150 | 175 - 185 |
| 8th |  | 186 - 197 |
| 9th |  | 198 - 209 |
| 10th |  | 210 - 224 |
| 11th |  | 225 - 240 |
| 12th |  | 241 – 255 |

1.5 to 2 times slower for students with low vision compared to sighted students (Gompel, van Bon, & Schreuder, 2004)

2.5 times for braille students and 1.5 times for large print (Morris, 1974)

More than 2x for braille and a little less than 2 times for visually impaired readers who read print (Packer, 1989)