Flesch–Kincaid Grade Level

These tests are widely used in the field of education. The "Flesch–Kincaid Grade Level Formula" translates the 0–100 score into a U.S. grade level, making it easier for teachers, parents, librarians, and others to judge the readability of various books and texts. It can also mean the number of years of education generally required to understand the text, relevant when the formula results in a number greater than 10. The grade level is calculated with the following formula:

\[
0.39 \left( \frac{\text{total words}}{\text{total sentences}} \right) + 11.8 \left( \frac{\text{total syllables}}{\text{total words}} \right) - 15.59
\]

The result is a number that corresponds with a grade level. For example, a score of 8.2 would indicate that the text is expected to be understandable by an average student in 8th grade (usually around ages 12–14 in the United States of America). The sentence, "The Australian platypus is seemingly a hybrid of a mammal and reptilian creature" is a 13.1 as it has 26 syllables and 13 words. This page has the score of 12.1.

The lowest grade level score in theory is −3.40, but there are few real passages where every sentence consists of a single one-syllable word. *Green Eggs and Ham* by Dr. Seuss comes close, averaging 5.7 words per sentence and 1.02 syllables per word, with a grade level of −1.3. (Most of the 50 used words are monosyllabic; "anywhere", which occurs 8 times, is the only exception.)