

## What's the WriQ Score?

The **WriQ score** can help you track how well your students are writing but taking into account several useful metrics along with a national norms comparison. The following are considered:

**Productivity** - Their writing output - how many words did they actually write.

**Accuracy** - Their grammatical accuracy - how many correct word sequences did they create.

**Pace** - Their writing speed or pace - how many words per minute, and more specifically how many correct word sequences per minute did they write

**Maturity** - How does their vocabulary maturity compare with the national norms.

Productivity and accuracy have previously shown to be useful measures of student writing progress and have been widely adopted in many writing assessment applications. The standard measure for productivity and accuracy when writing is generally referred to as correct word sequences (CWS) and Incorrect Word Sequences (ICWS). To understand these measures, think of any two words together forming a sequence. If one of the two words is incorrect in some way it makes that sequence incorrect. The more correct word sequences (and less incorrect word sequences) the better.

The calculation of CWS and ICWS scores by teachers has been such a slow and laborious process they are not all that practical to use in today's classroom. Teachers just do not have time but WriQ can calculate this for you.

In addition to productivity and accuracy, writing pace and text maturity are also valuable measures of writing. Until recently there has not been a means of accurately assessing how long a student spends writing a passage, and the automated assessment of text maturity was not widely available.

Changes in available technology has made it possible to:

- Automatically estimate the CWS and ICWS measures and make it simple for teachers to modify those estimates - removing the time-consuming "busy work" of creating these measures. This greatly simplifies the assessment of Productivity and Accuracy.
- Automatically track the time spent writing in Google Docs and Microsoft Word - the tools most widely used for student writing - providing a measurement of Pace.
- Automatically provide an assessment of text Maturity

Tying these scores together has allowed WriQ to display a single score that can give educators a much more accurate picture of student progress. And because the WriQ score has been developed based on research of tens of thousands of writing samples by students across grade levels and scored by teachers, it can also provide a national comparison based off a student's grade and the time of year.