

Takasaki University Pilot

The pilot involved 33 students from a 1st year Healthcare program at Takasaki University. Students were given a schedule to follow, which included learning the glyphs (through the website), using the apps, and then practicing reading (either by working their way through the pre-set content in the Reading Practice Module, converting their own materials in the eReader, or reading one of the eBooks in the eReader library).

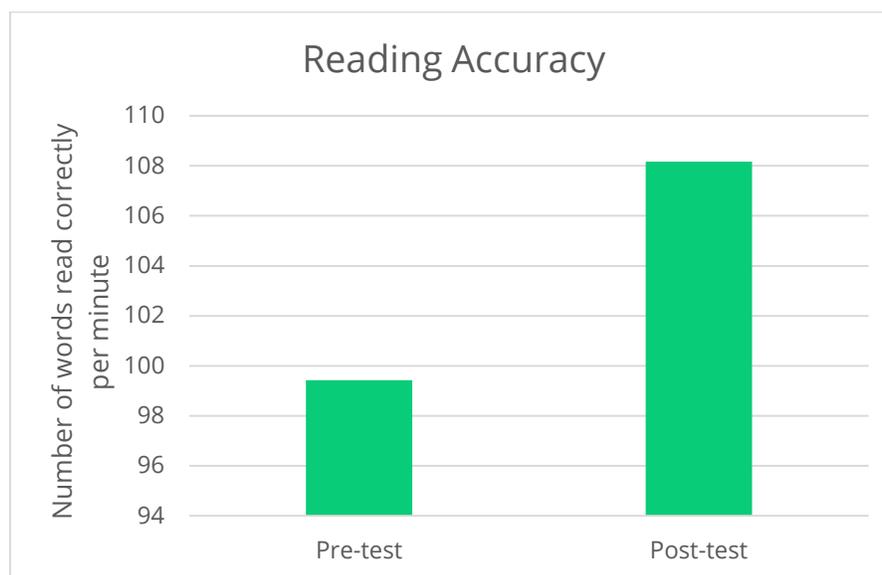
Students were given a computer station with headphones and a microphone attached. Students were monitored by a teacher and were given support individually or as part of a group. Students worked individually or in pairs, and spent 1-2 hours weekly using Readable English (up to a total of 12 hours class time).

Results from reading assessment

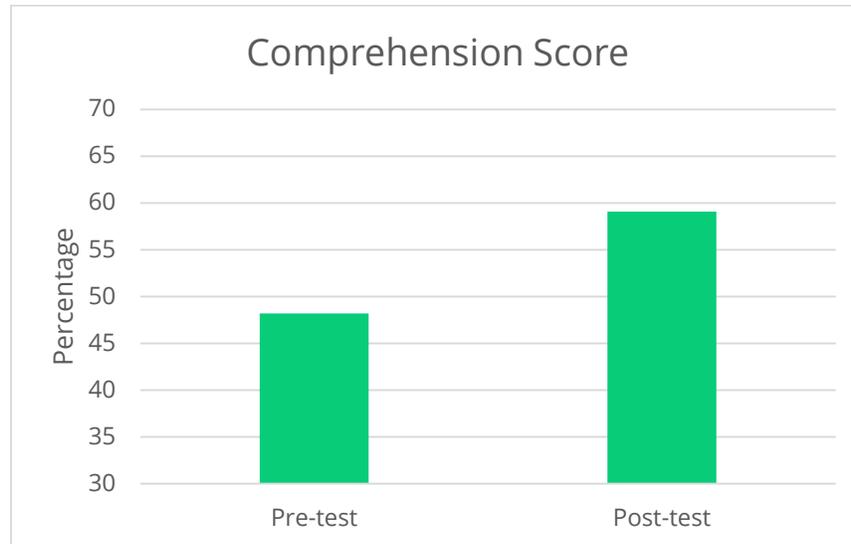
All students were pre- and posttested. The pre-test involved students being assessed on their ability to read aloud 3 leveled passages from FORM A of a standardized reading test. The number of errors made and the time taken to read each passage was recorded, and after reading each passage, students were asked 5 comprehension questions by an examiner.

At the end of the pilot, students were posttested with passages from FORM B of the reading test (new passages of equivalent length and difficulty), and again assessed on their reading accuracy, speed and comprehension.

Reading accuracy and speed (number of words read correctly per minute). Students read on average 99 words correctly per minute (SD = 5.0) in the pre-test. Paired sample t-tests showed that this was significantly lower than in the post-test, where students read on average 108 words correctly per minute (SD = 5.1) ($t(32) = 11.98, p < .001$).



Reading comprehension. Students answered on average 48% of comprehension questions correctly (SD = 12.6) in the pre-test. Paired sample t-tests showed that this was significantly lower than in the post-test, where students answered on average 59% of comprehension questions correctly (SD = 12.0) ($t(32) = 7.13, p < .001$).



Responses from student survey

79% of students responded that they would recommend the website and apps to others.

100% of students responded that they are interested in continuing to use the eReader.

70% of students responded that they felt their skills had improved.