

## 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 practising 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).

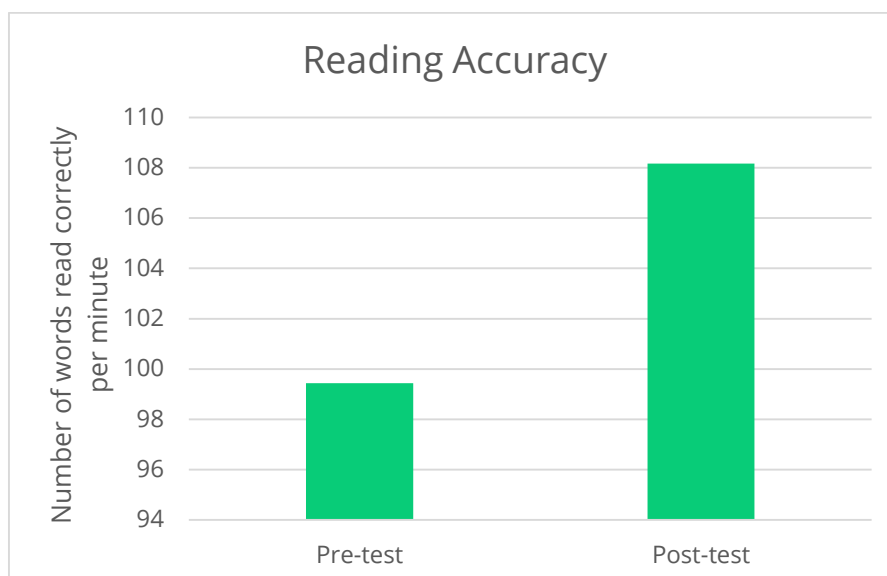
Students were given a computer station with headphones and a microphone attached. Students were monitored by a teacher and were given support individually or as part of a group. Students worked individually or in pairs, and spent 1-2 hours weekly using Readable English (up to a total of 12 hours class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

### Results from reading assessment

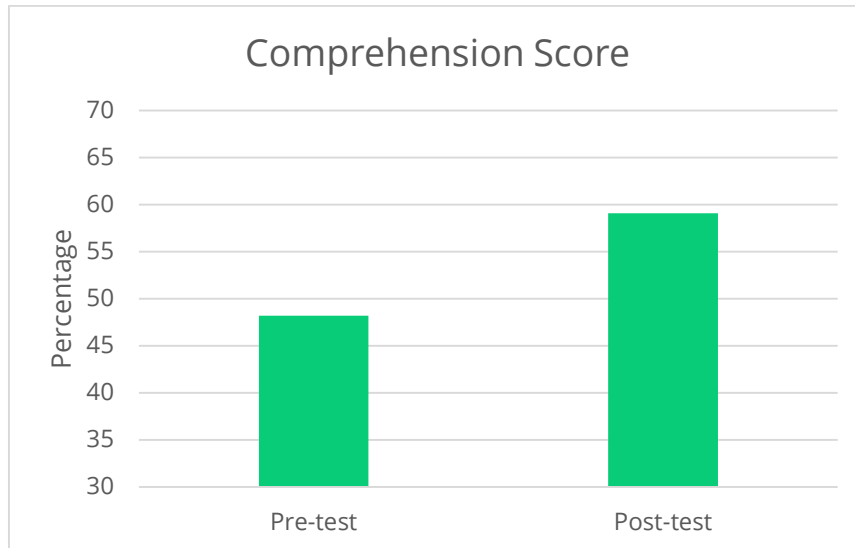
All students were pre- and posttested. The pre-test involved students being assessed on their ability to read aloud 3 levelled passages from FORM A of a standardised reading test. The number of errors made and the time taken to read each passage was recorded, and after reading each passage, students 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.