Online program to support children with reading difficulties helped them make significant progress, study shows

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An innovative programme to support children with reading difficulties helped them make significant progress when used online, new analysis shows.

Own-Voice Intensive Phonics (OVIP) approach is a computer-assisted instruction system which has already been shown to be effective as part of face-to-face tuition as part of previous research.

The first evaluation study of the online use of OVIP for children with reading difficulties—tested during the coronavirus pandemic—shows those who used it then made a 3.2-year mean word reading age gain over a 19 to 22-week period.

Questionnaire data from pupils and parents from the end of OVIP session and parent-reported data at a one-year follow-up demonstrated an overall increase in pupil reading skills and self-confidence that transferred into wider confidence and engagement for some pupils.

During the pandemic fifteen pupils participated in sessions online: nine boys and six girls aged between 7 and 12. Eight had been diagnosed with dyslexia.

All pupils who responded to a survey (8 out of 8) agreed that OVIP had helped them with their reading and seven said they enjoyed the OVIP programme.

Most parents (56 percent) rated their child's progress in reading and self-confidence as a reader 4 out of 5. Six out of the nine parents who completed a survey said OVIP enabled their child to develop their self-confidence and feel better about themselves.

Some parents (5 of 9) reported that their child's reading and writing had significantly improved since their participation in OVIP. Four had noticed a positive change in how their child takes on challenges and learns from them.
About half of the parents (4 out of 9) expressed that OVIP increased their child's motivation to improve their reading abilities and helped them shape positive attitudes towards reading for pleasure and, thus, achieve a life skill.

As part of a separate survey a year later 12 out of 13 parents who took part reported a positive change in their child's self-confidence. Eleven reported an enhancement in their child's reading and writing.

One parent said: "OVIP has made a significant improvement to our son's reading and improved not only his confidence in reading but consequently his overall confidence & restored a belief in his own ability to achieve. He finished his term at school, winning the most awards in the whole school!".

The word reading gains for the 15 children ranged from 1.9 to 4.0 reading age gain and a word reading ratio gain of 7.6 (ranging from 6.4 to 9.4).


Provided by University of Exeter

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