

How WordQ supports reading,
writing and improves user
wellbeing.

Nisai Group – Context

- **Nisai** has delivered complementary, inclusive online education since 1996
- **Quillsoft**, is a Nisai company and creators of WordQ, an assistive technology used to support improvements in reading and writing for those with barriers to literacy
- **Inclusion Quality Mark (IQM)** – The only online education provider to receive the status “Centre of Excellence” and re-accredited 2 additional times in succession.
- **Global Inclusive Schools Forum March 2024** – Invited participant and contributor. As a global leader in inclusive education, Nisai was invited by UNESCO Institute for Information Technology in Education to participate in a discussion on the use of technology to create inclusive and equitable environments

*The research behind literacy
based assistive technology*

Benefits of Word Prediction

Word prediction software like WordQ can provide several advantages:

- **Improved spelling accuracy:** Studies have shown that word prediction can significantly reduce spelling errors
- **Increased writing fluency:** Some research indicates that word prediction can help increase the rate of text production
- **Reduced keystrokes:** Word prediction typically reduces the number of keystrokes needed to type words,
- **Enhanced vocabulary use:** Word prediction may encourage users to employ a wider variety of words
- **Improved confidence and independence:** Many users report feeling more confident in their writing abilities

Considerations for Use

- **Training and practice:** Users, teachers and support staff often require time and practice to become proficient with word prediction software
- **Customisation:** WordQ allows for customization of topic-specific vocabularies, which can enhance their effectiveness for specific tasks or subjects
- **Combination with other tools:** Research suggests that combining word prediction with other assistive technologies, such as text-to-speech, can lead to even greater benefits for some users
- **Individual assessment:** Given the variability in outcomes, it's important to assess the effectiveness of word prediction software on an individual basis
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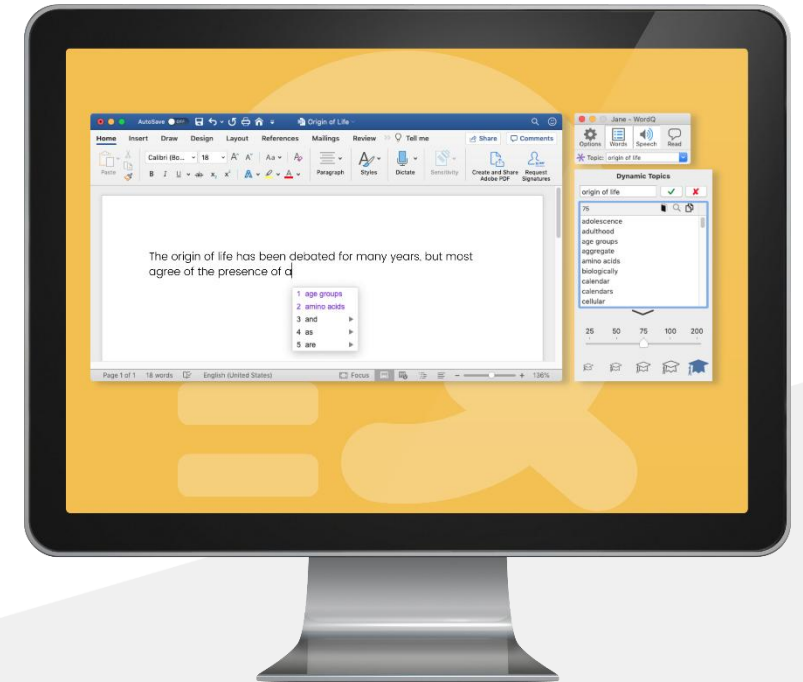
Personalising and normalising assistive technology

Normalising Assistive Technology

- WordQ is for SEND, ESOL, High Potential, Children, Adult, School, workplace users
- WordQ is used to meet the need not the diagnosis
- WordQ is used across multiple ability levels
- WordQ is used to improve attainment levels across all subject areas
- WordQ is a support to take what we think and get it down in writing
- WordQ is easy to use and easy to support
- WordQ is discreet

Positive impact of WordQ on the user

- WordQ isn't just for Special Needs users e.g. users include those where English is not their first language
- When all can use and benefit from AT the stigma is removed
- It empowers individuals
- Users become independent learners – Teachers can invest time with the rest of the class
- Builds confidence and self-esteem
- Improves user wellbeing
- Less energy is used with words predicted within 2 keystrokes



WordQ Demonstration





Supporting inclusion and accessibility globally

Contact details:

Email: dlester@quillsoft.ca

Website: www.quillsoft.ca

Tel: +44 (0)7867 417 803



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