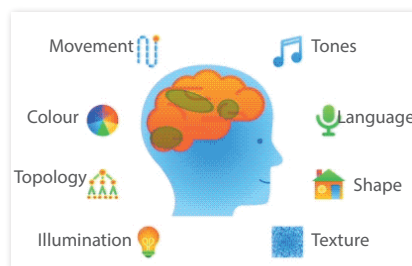




Orthograph trains spelling skills using colours, shapes and sounds. In doing so, it increases neuronal activity and guarantees the progress of individual learners.

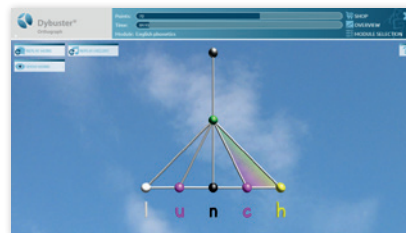
Supporting the Brain in Learning to Spell

Spoken language consists of individual sounds. When spoken language is converted to writing, each of these individual sounds is mapped to letters or letter groups (a spoken /b/, for example, is mapped to the letter 'b', which must not be confused with 'd', and a spoken /ʃ/ to the letter group 'sh'). The breaking down of words into individual sounds and the mapping of sounds to letters are skills that must be learned. When students are just beginning the process of learning to read and write, these skills require a great deal of concentration, and students are prone to mistakes. Over time, however, the various regions of the brain learn to automate the mapping process, meaning ever fewer mistakes and a gradual decrease in the amount of effort required to spell correctly.



If the brain is unable to automate this mapping process, the learner suffers from what is known as a "phonological deficit". This is the primary cause of dyslexia. Dyslexia does not, therefore, result from a lack of intelligence, but is rather due "merely" to missing links and a lack of automation in the human brain.

Orthograph mitigates this automation deficit by using colours, shapes, structures and sounds to simplify the mapping of spoken to written language by the brain. In time, these aids enable learners to recognise orthographic features of the language. The effectiveness of multi-sensory learning is scientifically proven – even for students with dyslexia!



Orthograph affords dyslexia sufferers new hope and unparalleled opportunities for improvement. Learners' success with Orthograph has been proven in multiple scientific studies at the Swiss Federal Institute of Technology in Zurich and the University of Zurich: After only three months' training, users achieved an average improvement of more than 30%!

Efficient Training

- » Orthograph lets your child learn to write without error.
- » The software provides customised training that adapts to the needs of individual learners.
- » Errors are analysed immediately and direct feedback provided.
- » Knowledge is consolidated through repetition.

Play-Based Learning

The child is guided through the training by the computer. The modules are short and motivating (20 min/ 3 times a week/ 4 months).

Supervised Training

Transparent analysis of current skill level for the benefit of parents and educational staff.

Learning words

8,000 English words are broken down neatly into 100 easily approachable modules. In addition, customised modules can be created (other languages).

Price

Private	1 Year	6 Months
US\$	175.-	99.-

Schools

Individual	\$135.- p. a. & s.
School-wide	ca. \$7.- p. a. & s.

System Requirements

Orthograph can be used on any device with an up to date internet browser. It does not depend on the operating system. An internet connection is required.