

Andrew Lewis

LEXICON

(PLEASE NOTE: this video contains rapidly flashing images and strobing effects)

LEXICON is based on a poem written by a 12-year old boy, Tom, in which he tries to articulate his personal experience of dyslexia. By presenting an imaginary sonic and visual journey through the text of the poem, Lexicon explores not only the challenges, but also the life-affirming creative potential that dyslexia, and a fuller understanding of it, can bring.

As part of the creative process the composer has worked with a team of dyslexia experts from the Miles Dyslexia Centre at Bangor University, which has enabled the composition of the piece to draw inspiration from recent research in the field. In particular it makes use of growing body of evidence that suggests that, for many people with dyslexia, a deficit in phonological processing (accessing and analysing speech sounds, and also linking them to letters) is more significant than that in visual or attentional processing on their own. This contradicts the popular but less well supported notion that dyslexia is primarily about difficulties in seeing letters and words on the page. Accordingly, LEXICON is a work conceived primarily with *sound* as its raw material, with the visual aspect conveying a metaphorical rather than scientific view of the experience of dyslexia.

LEXICON is supported by the Wellcome Trust's 'Engaging Science' programme, which aims to use artistic creation as a means of raising public awareness of biomedical science. It was composed in the Electroacoustic Music Studios at Bangor University, with additional material developed at CMMAS, Mexico and the composer's studio.

Sound and video: Andrew Lewis

Science Team: Dr Markéta Caravolas
(Director, Miles Dyslexia Centre, Bangor University)
Meg Browning
Ann Cooke

Text: Tom Barbor-Might

<i>Readers:</i>	Tom Barbor-Might	Martha Lewis
	James Bowers	Jenny Mainwaring
	Michael O'Boyle	Damien Vadgama
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