

MODULE: OVERCOMING BARRIERS OF SPLD

MODULE CODE: SJIE4003

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MULTI-SENSORY RESOURCE: LEXIA

Literacy skill program (LexiaUK, 2021b)

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- Estimated up to 1 in every 10 people in the UK have some degree of dyslexia (NHS, 2018).
 - The Dyslexia Association (2021) states it 'is classed as a disability under the Equality Act 2010.'

LEXIA

Rosetta Stone Company (LexiaUK, 2021c)

Supports over 250 thousand pupils in the UK (LexiaUK, 2021c)

Closing the reading gap (LexiaUK, 2021b).

Products – designed based on scientific findings (LexiaUK, 2021c)

Software packages – both primary and secondary school programs (LexiaUK, 2021a)

LEXIA CORE 5 READING - PRIMARY

- Flagship product
- All abilities
- One personalised solution for:
 - Phonological Awareness
 - Phonics
 - Fluency
 - Vocabulary
 - Comprehension
 - Spelling Rules

(LexiaUK, 2021a)



(Source: LexiaUK, 2021b) **READING**

ASSESSMENT

- Auto-placement
- Assessment Without Testing
- Reports
- Paper based resources

(LexiaUK, 2021a)

LEXIA POWERUP LITERACY - SECONDARY

- Key Stage 3 and 4
- Focuses on
 - Word study
 - Grammar
 - Comprehension

(LexiaUK, 2021a)



(Source: LexiaUK, 2021b)

LITERACY

DYSLEXIA

What is Dyslexia?

A specific learning difficulty which can cause problems with reading, writing and spelling. (NHS, 2018)

Difficulties:

- Poor reading skills (Burnard, 1998) / Phonological awareness (Rose, 2009 cited in British Dyslexia Association, 2019b)
- Coordination – fine motor skills (Bentham, 2006)
- Limited auditory short-term memory (Bentham, 2006)
- Organizational skills (Bentham, 2006)
- Verbal processing speed (Rose, 2009 cited in British Dyslexia Association, 2019)

DOES LEXIA SUPPORT CHILDREN'S DYSLEXIA DIFFICULTIES?

- Poor reading skills (Burnard, 1998) / Phonological awareness (Rose, 2009 cited in British Dyslexia Association, 2019b) ✓
- Coordination – fine motor skills (Bentham, 2006) ✗
- Limited auditory short-term memory (Bentham, 2006) ✓
- Organizational skills (Bentham, 2006) ✓
- Verbal processing speed (Rose, 2009 cited in British Dyslexia Association, 2019b) ✗

Lexia Reviews:

- Highly interactive software
- Blended reading platform
- Teachers get actionable data
- Useful offline resources
- Needs more opportunities for social interaction and collaborative engagement

(Evenson, 2017)

THE VARK MODEL – NEIL FLEMING 1987 (CLARK, 2019)

- Visual
 - Auditory
 - Reading
 - Kinaesthetic
- (Bates, 2019)

Preference for one style however often a mixed and balanced blend of all four.
(Bates, 2019)

Learning styles or Multiple intelligence theory?
(Clark, 2019)

MULTIPLE INTELLIGENCE THEORY



(Source: Marenus, 2020)

- Howard Gardner (Marenus, 2020)
- People have different kinds of intelligences (Cherry, 2019)
- 9 intelligences – Existential (Clark, 2019)
- An individual's capacity in a particular intelligence will affect how they learn (Bates, 2019)

MULTIPLE INTELLIGENCES AND DYSLEXIA

Dyslexia affects everyone differently (British Dyslexia Association, 2019a)

Dyslexia does not affect intelligence (NHS, 2018)

Children with dyslexia often have an average to above average intelligence (Govindaraju, 2019)

IQ which tests two areas language and mathematical abilities (Govindaraju, 2019)

Individuals learn differently using different abilities (Govindaraju, 2019)

Children with dyslexia or other SpLDs often have a unique ability in one or two intelligences (Govindaraju, 2019)

These strengths can be mobilized to help students excel (Gardner, 2006)

OVERALL

It is important to be positive

Promote strengths

Allow children to learn through a range of learning styles

References

Bates, B. (2019) *Learning theories simplified*. London: Sage

Bentham, S. (2006) *A Teaching Assistant's Guide to Managing Behaviour in the Classroom*. London: Routledge

British Dyslexia Association (2019a) *About dyslexia*. Available at: <https://www.bdadyslexia.org.uk/dyslexia/about-dyslexia> (Accessed: 16th April 2021)

British Dyslexia Association (2019b) *About dyslexia*. Available at: <https://www.bdadyslexia.org.uk/dyslexia/about-dyslexia/what-is-dyslexia> (Accessed: 15th April 2021)

Burnard, S. (1998) *Developing Children's Behaviour in the Classroom: A Practical Guide for Teachers and Students*. London: The Falmer Press.

Cherry, K. (2019) *Gardner's Theory of Multiple Intelligences*. Available at: <https://www.verywellmind.com/gardners-theory-of-multiple-intelligences-2795161> (Accessed: 16th April 2021)

Clark, A (2019) *Learning styles vs. multiple intelligences: Related, but not the same*. Available at: <https://www.classcraft.com/blog/learning-styles-vs-multiple-intelligences/> (Accessed: 16th April 2021)

Evenson, F. (2017) *Lexia Core5 Reading*. Available at: <https://www.common sense.org/education/website/lexia-core5-reading> (Accessed: 16th April 2021)



Gardner, H. (2006) *Multiple Intelligences*. New York: Basic Books.

Govindaraju, M. (2019) *Understanding Dyslexia and Multiple Intelligences*. Available at: http://publications.azimpremjifoundation.org/2171/1/13_Understanding%20dyslexia%20and%20multiple%20intelligences.pdf (Accessed: 14th April 2021)

LexiaUK (2021a) *One Solution*. Available at: <https://www.lexiauk.co.uk/cohorts/onesolution/> (Accessed 14th April 2021)

LexiaUK (2021b) *Proven literacy skills solution (all ages & abilities)*. Available at: <https://www.lexiauk.co.uk> (Accessed 14th April 2021)

LexiaUK (2021c) *Why Lexia?* Available at: <https://www.lexiauk.co.uk/cohorts/> (Accessed 14th April 2021)

Marens, M. (2020) *Gardner's Theory of Multiple Intelligences*. Available at: <https://www.simplypsychology.org/multiple-intelligences.html> (Accessed: 14th April 2021)

NHS (2018) *Overview, Dyslexia*. Available at: <https://www.nhs.uk/conditions/dyslexia/> (Accessed: 11th April 2021)

The Dyslexia Association (2021) *What is Dyslexia?* Available at: <https://www.dyslexia.uk.net/what-is-dyslexia/> (Accessed: 14th April 2021)