

Learning Disability

Learning disability denotes problems related to different kinds of learning.

Some examples are as follow:-

- **Academic Disorder**

- (1) Dyslexia – difficulty in writing, reading and spelling
- (2) Dysgraphia – problems in handwriting
- (3) Dyscalculia – problems with Mathematical calculation

- **Speech and Language Disorder**

- (1) Developmental Articulation Disorder – problems with speech sounds
- (2) Developmental Expressive Language – problems using spoken language to communicate
- (3) Developmental Receptive Language – problems understanding what others say

- **Other Learning Disabilities**

- (1) Visual Processing Disorder – Problems making sense of information visually
- (2) Developmental motor skill disorder – Clumsiness with tools and using of hands
- (3) Non-verbal Learning Disorder – problems with organisational and social and motor skill

Dyslexia – One Example of Learning Disability

- A learning disability that affects the reading and making senses of the written language.
- It involves difficulties in acquiring and using language – reading and writing letters in the wrong order, reverse and rotates letters, eg, 'b' and 'd'
- Phonological processing deficits – e.g., 'place' be mistaken as 'palace'
- 3% to 5% of Singaporeans may be dyslexic – an approximate of about 18 500 dyslexic children in Singapore Schools
- More predominant among boys than girls
- Signs and symptoms

For ages 6 to 11:

- ♥ Difficulty pronouncing words
- ♥ Weak in spelling
- ♥ Reversal and substitution of words
- ♥ Difficulty with sequence of directions
- ♥ Phonological problems e.g. poor in sounds in words as in rhymes
- ♥ Problems with stating thoughts in an organized way
- ♥ Poor working memory e.g. difficulty recalling words learned
- ♥ Poor in reading comprehension
- ♥ May prefer answering questions orally

- **Other Associated conditions**

- ▶ Delayed speech
- ▶ Articulation problems
- ▶ Directional problems e.g. left/ right, over/ under
- ▶ Delayed vocabulary growth
- ▶ Poor ability to follow directions

Articles

1. [Social and Emotional Problems Related to Dyslexia](#)
2. [Accommodating Students With Dyslexia In All Classroom Settings](#)
3. [Multi-sensory Teaching](#)
4. [Recommended Readings for Professionals](#)
5. [Dyslexia Association of Singapore Quantum of Bursary](#)

Internet resources for Dyslexia

- 1) Dyslexia Association of Singapore <http://www.das.org.sg/>
- 2) Teaching strategies
- 3) http://www.das.org.sg/index.php?option=com_content&task=view&id=59&Itemid=80
- 4) Teaching methods for teachers <http://www.dyslexia-teacher.com/t6.html>
- 5) Inclusion of dyslexic pupils in the classroom with teaching strategies http://www.newhorizons.org/spneeds/inclusion/teaching/front_teaching.html
- 6) More teaching strategies <http://www.dyslexia-scotwest.org.uk/advice/help-andamp-advice-for-teachers/teaching-strategies-for-dyslexic-children>

7) Useful fact-sheets on dyslexia <http://www.interdys.org/FactSheets.htm>