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	Can	adian results	in reading o	ver time, 20	09-2018			
	2009		2012		2015		2018	
	Average	Standard	Average	Standard	Average	Standard	Average	Standar
Canada	524	(1.5)	523	(3.2)	527	(4.1)	520	(4.0)
Newfoundland and Labrador	506	(3.7)	503	(4.5)	505	(4.9)	512	(5.6)
Prince Edward Island	486	(2.4)	490	(3.7)	515*	(7.0)	503	(9.0)
Nova Scotia	516	(2.7)	508	(4.0)	517	(6.0)	516	(5.2)
New Brunswick	499	(2.5)	497	(3.7)	505	(6.3)	489	(5.0)
Quebec	522	(3.1)	520	(4.4)	532	(5.8)	519	(5.0)
Ontario	531	(3.0)	528	(5.1)	527	(5.6)	524	(5.0)
Manitoba	495	(3.6)	495	(4.2)	498	(6.0)	494	(4.9)
Saskatchewan	504	(3.3)	505	(3.8)	496	(4.9)	499	(4.6)
Alberta	533	(4.6)	525	(4.8)	533	(6.2)	532	(5.5)
British Columbia	525	(4.2)	535	(5.2)	536	(6.5)	519	(5.7)















Canadian LD Definition

LEARNING DISABILITY (Grades 1–12: Code 54) This is the official definition adopted by the Learning Disabilities Association of Canada (LDAC) on January 30, 2002.

"Learning Disabilities" refer to a number of disorders which may affect the acquisition, organization, retention, understanding or use of verbal or nonverbal information. These disorders affect learning in individuals who otherwise demonstrate at least average abilities essential for thinking and/or reasoning. As such, learning disabilities are distinct from global intellectual deficiency.

Learning disabilities result from imp ents in one or more pr es related to Learning disabilities result from impairments in one of more processes feated to perceiving, thinking, remembering or learning. These include, but are not limited to: language processing; phonological processing; visual spatial processing; processing speed; memory and attention; and <u>executive functions</u> (e.g., planning and decision-making).

Learning disabilities range in severity and may interfere with the acquisition and use of one or more of the following:

- oral language (e.g., listening, speaking, understanding)
- reading (e.g. decoding, phonetic knowledge, word recognition, comprehension) written language (e.g., spelling and written expression) •
- . mathematics (e.g., computation, problem solving).

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	far	essmentofreading"	
Index	Subtest	Grade range	Approximate administration time in minutes
	Phonemic Awareness (PA)	PK to college	5 to 10
	Nonsense Word Decoding (NWD)	Grade 2 to college	2
Phonological Index (PI)	Isolated Word Reading Fluency (ISO)	K to college	1
	Oral Reading Fluency (ORF)	K to college	2 to 3
	Positioning Sounds (PS)	PK to college	3 to 4
	Rapid Automatic Naming (RAN)	PK to college	2
	Verbal Fluency (VF)	PK to college	2
Fluency Index (FI)	Visual Perception (VP)	PK to college	1
	Orthographical Processing (OP)	K to college	8
	Irregular Word Reading Fluency (IRR)	Grade 2 to college	1
	Semantic Concepts (SC)	PK to college	5 to 8
	Word Recall (WR)	PK to college	4
Comprehension Index (CI)	Print Knowledge (PK)	PK to Grade 1	4
(0)	Morphological Processing (MP)	Grade 2 to college	7
	Silent Reading Fluency (SRF)	Grade 2 to college	8





















Motor Outp	Motor Output Speed (Pollock et al, 2009)			
Grade Levels	Handwriting Speed			
Grade 1	15 - 32 letters per minute			
Grade 2	20 - 35 letters per minute			
Grade 3	25 - 47 letters per minute			
Grade 4	34 - 70 letters per minute			
Grade 5	38 - 83 letters per minute			
Grade 6	46 - 91 letters per minute			
BRAIN REGI	ON – Basal Ganglia			





























IDEAS

- 4 The topic and details are well developed.
- 3 The topic is clear but more details are needed.
- 2 Details that don't fit the topic confuse the reader.
- 1 The topic is not clear.

ORGANIZATION

- 4 The beginning, middle, and ending work well.
- 3 Some parts of the essay are unclear.
- 2 All parts of the essay run together.
- 1 The order of information is confusing.

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10 Research Based Strategies (creatume & Pereira, 2007) (1) Writing Strategies (effect size .82) (2) Summarization (effect size .82) (3) Collaborative Writing (effect size .75) (4) Specific Product Goals (effect size .70) (5) Word Processing (effect size .55) (6) Sentence Combining (effect size .50) (7) Prewriting (effect size .32) (8) Inquiry activities (effect size .32) (9) Process Writing Approach (effect size .32) (10) Study of Models (effect size .25)

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Comprehensive Dysgraphia Evaluation

- 1. Intelligence Measures (Gc): wisc5, sb5, cas2, rias2, kabcii, wjiv, dasii...
- 2. VIII, WRAVMA, WIAT III, PAL II, NEPSYIL...
- 3. <u>*Attention* (Gs):</u> NEPSYII, Tea-CH2, CAS2, WJIV, Conners Scale, BASC3, TOVA....
- 4. *Working Memory*(Gsm): WISC5, KABCII, WRAML2, SB5, ChAMP, WJIV...
- 5. <u>*Executive Functions* (Gf)</u>: BRIEF2, CEFI, MEFS, WCST, WIATIII Sent Comp...
- 6. Writing and Spelling Skills: WJIV, KTEAIII, WIATIII, OWLS II, TOWL4, AAB...
- 7. Phonological Awareness Skills: (Ga): CTOPP2, FAR, KTEAIII, WJIV, TAPS4.
- 8.*Retrieval Fluency Skills (Glr): dkefs, nepsyll, far, wjiv, ktealii,cifa...
- 9. Social Emotional Measures (G?): RCMAS2, MASC2, BASC3, PAI-A, CDI2...



feiferassessmentofwriting						
	Structure of	the FAW				
Index	Subtest	Grade range	Approximate administration time in minutes			
	Alphabet Tracing Fluency (ATF)	PK to college	1 - 2			
Graphomotor Index (GI)	Motor Sequencing (MS)	PK to college	3 - 4			
Graphomotor Index (GI)	Copying Speed (CS)	K to college	3 - 4			
	Motor Planning (MP)	PK to college	2 - 3			
Dyslexic Index (DI)	Homophone Spelling (HS)	K to college	3 - 4			
Dyslexic Index (DI)	Isolated Spelling (IS)	PK to college	4 - 6			
	Executive Working Memory (EWM)	Grade 2 to college	10 - 12			
Executive Index (EI)	Sentence Scaffolding (SS)	Grade 2 to college	13 - 16			
Executive muex (EI)	Retrieval Fluency (RF)	PK to college	7 - 8			
	Expository Writing (EW)	Grade 2 to college	6			
Compositional Writing	Expository Writing (EW)	Grade 2 to college	6			
Index (CWI)	Copy Editing (CE) (optional)	Grade 2 to college	4			
(optional)	Story Mapping (SM) (optional)	Grade 2 to college	6			



