LEARNING DISABILITY EVALUATION SCALE Fourth Edition (LDES-4)

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The Learning Disability Evaluation Scale - Fourth Edition (LDES-4) is a norms update of the Learning Disability Evaluation Scale - Renormed Second Edition (LDES-R2) (McCarney & Arthaud, 2007). The LDES-4 assesses the most commonly identified characteristics of learning disabled students. It is based on the federal definition of learning disabilities (IDEIA, 2004) and the subscales (Listening, Thinking, Speaking, Reading, Writing, Spelling, and Mathematical Calculations) correspond to seven areas of disability identified in the federal definition.

The **LDES-4** was standardized on a total of 1,802 students, ages 8 through 16 years and grades 2-11. Demographic characteristics of the standardization population approximated the national percentages for gender, residence, race, geographic area, and occupation of parents.

Internal consistency of the **LDES-4** fell at or above .82 for each subscale. Test-retest reliability yielded correlation coefficients ranging from .88 through .97, indicating substantial reliability for each of the 7 subscales. Coefficients for inter-rater reliability for the subscales ranged from .94 to 1.00 for all age levels. Content validity was established through the initial development process. The **LDES-4** was compared to the *Learning Disabilities Diagnostic Inventory* (LDDI) (Hammill & Bryant, 1998) as a measure of concurrent validity. All subscales of the **LDES-4** correlated significantly with the LDDI subscales to which they were compared. The construct validity of the scale supports strong diagnostic validity.

The LDES-4 uses frequency-referenced quantifiers. Each item on the LDES-4 is rated on a four-point scale (NOT DEVELOPMENTALLY APPROPRIATE FOR AGE, RARELY OR NEVER, INCONSISTENTLY, CONSISTENTLY). Following completion of the ratings, five types of age and grade scores may be obtained: frequency rating for each item (reflecting the degree of difficulty in performing a behavior), subscale raw score (the sum of the frequency ratings for each subscale), subscale standard score (a consistent basis for comparing students), a learning quotient, and percentile. The subscale standard scores are plotted on the graph at the bottom of the Profile Sheet to provide a visual representation of skills.

The **LDES-4** takes approximately 20 minutes to complete and can be completed by anyone familiar with the student: the classroom teacher, clinical personnel, or other school personnel. The **LDES-4** complete kit consists of *Pre-Referral Learning Problem Checklists, Intervention Strategies Documentation Forms*, technical manual, rating forms, the *Learning Disability Intervention Manual*, and the *Parent's Guide to Learning Disabilities*.

The Learning Disability Intervention Manual (LDIM) includes goals, objectives, and intervention strategies for the behaviors on the scale and was designed for the convenient development of a student's IEP, as well as classroom intervention. The Learning Disability Intervention Manual used in conjunction with the LDES-4 provides an assessment and intervention program for learning disabled children and youth. The Parent's Guide to Learning Disabilities (PGLD) contains interventions for parents to implement in the home to help their learning disabled child be more successful.



H A W T H O R N E

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PRE-REFERRAL LEARNING PROBLEM CHECKLIST

	Date:				
Stud	ent:	Birthdate:	Age:	Gender:	Grade:
Scho	ol:		City:		State:
Obse	erver:	Pos	sition:		
Stud	ent known to observer:		snent with stud	lent each day: _	_
Staa	(from) (to)	Length of time	spene with stat	iene eden day	(hours) (minutes)
	TO OBSERVER: Check each behavior yo	u have observed th	ne student display	y during the last r	nonth.
	LISTENING			THINKING	
□ 1 □	. Does not hear all of what is said (e.g., mis word endings, misses key words such as not," etc.)		8. Fails to der	led for a task	nber two- or not remember , does not memo-
2	. Does not direct attention or fails to mainta attention to important sounds in the imme diate environment (e.g., teacher directions public address system, etc.)	·-	Tout e year, etc	ine, days of the v	ng, etc.) es (e.g., events in week, months of
3	. Has difficulty differentiation heard (e.g., does not he between /ch/ and /sh/ so sounds, similar consonal words, etc.	SA	10. Does not do of spatial re	emonstrate an u elationships (e.g ver-under, etc.)	
4	. Is unsuccessful in activities requiring lister (e.g., games, following oral directions, etc.)		11. Demonstrate (i.e., does no visually)	es difficulty with ot remember info	visual memory ermation received
5	. Needs oral questions and directions freque ly repeated (e.g., student says, "I don't un stand;" needs constant reminders, etc.)		12. Demonstrate (i.e., does no auditorily)	es difficulty with ot remember info	auditory memory rmation received
<u> </u>	. Attends more successfully when close to source of sound (e.g., when seated close				derstanding of forward,
	the teacher)		14. Has difficult assigned tas	y concentrating sk, following a co	(e.g., staying on an onversation, etc.)
7	. Requires eye contact in order to listen successfully (e.g., one-to-one situation)	>		s - does the sam as difficulty char c.)	

Item #03831

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Intervention Strategies Documentation Form

Date:			
Student name:	I	Birthdate:	Age:
School:	Parents:		
Team members:			
I. Student History			
A. Are the parents aware of your concern?			
B. Has the student repeated a grade? If so, when?			
C. Date and results of any previous individual testing?			
D. Date and results of last hearing screening:			
E. Date and results of last vision screening:			
II. Concerns and Interventions			
Learning or Behavior Concern:			
Interventions Implemented:	PLE		Decision
Learning or Behavior Concern:			
Interventions Implemented:	Intervention Date	S/U	Decision

SCHOOL VERSION RATING FORM

Stephen B. McCarney

RATING GUIDELINES

- The student should be rated by school personnel who interact directly with the student in the school environment.
- The rater should rely on his/her observation of the student's skills as they occur naturally in the school environment. If the rater has no knowledge of the student's ability to perform a particular skill on the scale, it is recommended that the rater consult another person in the school environment to provide information for that item.
- Do not leave any boxes blank.
- At the secondary level, or in departmentalized elementary programs, educational personnel may rate only those areas (subscales) which they have had the opportunity to observe.
- It is not necessary to complete the rating for a student in one day. Several days may elapse before the rater is able to complete the scale.
- It is recommended that each quantifier is read with the item, before rating the item. Using item 25 as an example, the rater would first read, "Not developmentally appropriate for age to have difficulty imitating speech sounds," then "Rarely or never has difficulty imitating speech sounds," "Inconsistently has difficulty imitating speech sounds," and finally "Consistently has difficulty imitating speech sounds."

 If the behavior or skill is developmentally beyond what is expected for the student's age, the rating should be

NOT DEVELOPMENTALLY APPROPRIATE FOR AGE.

 If the student does not display or rarely displays the behavior or skill indicated on the scale, the rating should be

1 RARELY OR NEVER.

• If the student often, but not always, displays the behavior or skill on the scale, the rating should be

INCONSISTENTLY.

 If the student consistently displays the behavior or skill on the scale, the rating should be

> 3 CONSISTENTLY.

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TO RATER: Rate every item using the quantifiers (0-3) provided. Every item must be rated. Do not leave any boxes blank.

	Every item must be rated. Do			
NOT DEVELOPMENTALLY APPROPRIATE FOR A			INCONSISTENTLY	CONSISTENTLY
0	1		2	3
word en	LISTENING ot hear all of what is said (e.g., misses ndings, misses key words such as "do	1 11.	Demonstrates difficulty with vis (i.e., does not remember inform visually)	
attention diate en	ot direct attention or fails to maintain n to important sounds in the imme- evironment (e.g., teacher directions, address system, etc.)		Demonstrates difficulty with au (i.e., does not remember inform auditorily) Does not demonstrate an unde directionality (e.g., left-right, fo east-west, etc.)	nation received
heard (e between		15.	Has difficulty concentring (e. assigned task, followers) Perseveral experiences and the concentration of the conc	g., staying on an versation, etc.) hing over and ng activities,
	ccessful in activities requiring listening imes, following oral directions, etc.)	E	Form organizati	on (e.g., does not aterials, etc.)
☐ Iy repea	oral questions and direction steed (e.g., student says needs constant re	Rati	demonstrate logical thing decisions, solving problemences, etc.)	nking (e.g., mak- s, making infer-
6. Attends source the tead	1001	18.	Has difficulty retrieving, recalling jects, persons, places, etc. (i.e. of them at all or is slow to resp	, does not think
7. Require cessfull	es el	19.	Demonstrates visual perception visual closure, visual memory, ground discrimination, etc.)	n problems (e.g., visual figure-
Raw Sc	rore	1 20.	Has difficulty classifying (e.g., on nize similarities, differences, et	
skills (e three-st materia	THINKING demonstrate short-term memory e.g., does not remember two- or tep directions, does not remember als needed for a task, does not memo-	7 21.	Fails to generalize knowledge f to another (e.g., identifies the wa flashcard, but fails to identify is able to count by fives, but is mine the value of a group of nic fives; knows that $6 \times 8 = 48$, but stand that $48 \div 6 = 8$; etc.)	ord "house" on it in a sentence; not able to deter- ckels counting by
	rds to a poem or song, etc.) remember sequences (e.g., events in	_	Demonstrates confusion (e.g., wrong classroom or area)	
	routine, days of the week, months of	2 23.	Remembers information one tir next	ne but not the
10. Does no	ot demonstrate an understanding al relationships (e.g., above-below,	1 24.	Requires slow, sequential, substitution of concepts	
near-far	r, over-under, etc.)	21	Raw Score	

SPEAKING 42. Reads words correctly in one context but not in another (e.g., can read a word printed on a 25. Has difficulty imitating speech sounds flashcard but cannot read the same word in a sentence) 26. Omits, adds, substitutes, or rearranges sounds or words when speaking 43. Does not read independently (i.e., does not choose reading as an independent activity, avoids reading, etc.) 27. Distorts or mispronounces words or sounds when speaking (not attributed to dialect or 44. Does not discriminate between similar letters accent) and words (e.g., "m" and "n," "cat" and "cap," 28. Does not use appropriate subject-verb agreement when speaking (e.g., says, "It don't matter to me;" instead of "It doesn't matter to 45. Does not know all the letters of the alphabet me.") 46. Understands what is read to him/her but not what he/she reads silently 29. Does not carry on conversations with peers and adults 47. Fails to finish assignments because of reading difficulties (i.e., reads too slowly to finish 30. Has a limited speaking vocabulary on time) 31. Fails to use verb tenses correctly when **Raw Score** speaking (e.g., past, present, future) 32. Speaks dysfluently (e.g., runs words and sentences together, speaks too fast or slow, School Version Rating Form pauses at incorrect places, etc.) sentences, and close proximity from a textbook) 33. Does not complete statements or thoughts when speaking (e.g., speaks in incomplete by letters, words, sentences, and sentences, fails to think of correct work ers from a model at a distance (e.g., express ideas, etc.) des not copy from the chalkboard) **Raw Score** 50. Fails to use capitalization correctly when 51. Uses inappropriate spacing between words or 34. Fails to phonics sentences when writing 52. Reverses letters and numbers when writing 35. Fails to re as on grade level 53. Fails to write within a given space (e.g., writes 36. Fails to correctly answer comprehension off of the page, does not write on a line, etc.) questions from reading activities 54. Fails to punctuate correctly when writing 37. Loses place when reading (e.g., leaves out words, lines, or sentences when reading) Does not use appropriate subject-verb agreement when writing 38. Has difficulty with sound-symbol relationships (e.g., does not know that the letter "d" 56. Does not compose complete sentences or makes the /d/ sound) express complete thoughts when writing 39. Has difficulty with phonics skills when read-57. Fails to correctly organize writing activities ing (i.e., fails to sound out words correctly or (e.g., does not sequence events, develop a blend sounds into words) paragraph, use correct word order, etc.) 58. Omits, adds, or substitutes words when 40. Omits, adds, substitutes, or reverses letters,

writing

59. Fails to form letters correctly when printing or

look like b's, does not connect letters, etc.)

writing (e.g., a's do not look like a's, b's do not

read)

words, or sounds when reading

41. Fails to demonstrate word comprehension

(i.e., does not know the meaning of words

2	60.	Fails to use verb tenses correctly when writing (e.g., past, present, future)	1	73.	Works math problems from left to right instead of right to left
1	_	Uses inappropriate letter size when writing (i.e., too large or too small)	1	74.	Fails to follow necessary steps in math prob- lems (e.g., does steps in the wrong order, omits a step, etc.)
	<u> </u>	Raw Score			
		SPELLING		75.	Fails to correctly solve math problems involving fractions or decimals (e.g., understanding parts of the whole, recognizing fractional values, performing operations, etc.)
1	62.	Fails to use spelling rules (e.g., "i before e except after c," rules for changing words to plural form, etc.)	1	76.	Fails to demonstrate knowledge of place value
1	63.	Has difficulty with phonetic approaches to spelling (i.e., does not spell words the way they sound)	1	77.	Confuses operational signs when working math problems (e.g., +, -, \div , ×)
		,	1	78.	Has difficulty understanding abstract concepts (e.g., dimensionality, size, space, shape, etc.)
1	64.	Omits, substitutes, adds, or rearranges letters or sound units when spelling words	1	79.	Fails to correctly solve roblems involving money (e.g., coin tion and value, count-
1	65.	Has difficulty spelling words that do not follow the spelling rules			ing money, m
		. •	1	80.	ems using mea-
1	66.	Does not use word endings correctly when spelling or omits them (e.g., -ed, -ing, -ly, -er, etc.)			weight, etc.)
_		(p)	المراد	•	ag ko
1	67.	Spells words correctly in one contain another (a.g., applle the words)	00	ti	
		Does not use word endings correctly when spelling or omits them (e.g., -ed, -ing, -ly, -er, etc.) Spells words correctly in one contain another (e.g., spells the word quiz but not in a sentence word correctly from discorrectly in a sentence word correctly in a sentence word c	K		does not understand the concept of time (e.g., does not know how to tell time, does not use a calendar, does not work problems involving time, etc.)
1	68.	Require to learn ger to learn ger to learn students)	1	83.	Fails to correctly solve math problems requiring addition
_7	• —	Raw Score	1	84.	Fails to correctly solve math problems requiring subtraction
		MATHEMATICAL CALCULATIONS	1	85.	Fails to correctly solve math problems requiring multiplication
1	69.	Has difficulty solving math word problems		96	·
1	70.	Fails to change from one math operation to another (e.g., starts with addition and does not change to subtraction)		00.	Does not understand the concept of skip counting (e.g., may be able to count by fives, but does not know that five is being added to each consecutive number)
1	71.	Does not understand abstract math concepts	1	87.	Does not remember math facts
	7.0	without concrete examples (i.e., must have manipulatives in order to work math problems)	1	88.	Does not make use of columns when working math problems (e.g., puts numbers in wrong columns, adds across columns, etc.)
	72.	Fails to correctly solve math problems requiring regrouping (i.e., borrowing and carrying)	2	0_	Raw Score

SCHOOL VERSION RATING FORM

Stephen B. McCarney

PROFILE SHEET

Name of student:	And	rew Thom	as	Gender: <u>M</u>
School:	Mid	vale Elem	entary	
Class:	all s	ubjects		Grade: <u></u>
City:	Mi	dvale		State: PA
Date of ra	ting: _	2017 (year)	(month)	(day)
Date of bi	rth: _	2008 (year)	<u>5</u> (month)	
Age at rat	ing:	9	5	21
		(years)	(months)	(days)

SUMMARY OF SCORES								
		Stan Sc		Standard Score SEM				
Subscales	Raw Score	Age (APPX A)	Grade (APPX D)	Age (APPX C)	Grade (APPX F)			
Listening	9	11	12	2.58	2.88			
Thinking	21	11	12	1.86	2.00			
Speaking	10	12	12	2.66	2.92			
Reading	22	9	9	2.00	2.14			
Writing	18	11	11	2.18	2.24			
Spelling	7	13	13	2.48	2.70			
Mathematical Calculations	20	13	13	1.74	1.80			

	(years)	(1110111)	1113)	(uays)
Rated by (observer's name):	m. !	Tackson	
Dates duri From	ng which observati	on of stu _ To	ident occu	ırred: 7
	time spent with stu	ıdent:	week _ <i>30</i>	_

	TOTAL SCORE									
	n of ale SS		ning tient	Percentile		Learning Quotient SEM		Confidence Interval (Chapter 2)		
Age	Grade	Age (APPX B)	Grade (APPX E)	Age (APPX B)	Grade (APPX E)	Age (APPX C)	Grade (APPX F)	Age	Grade	
80	82	105	106	63	67	4.54	4.84	95 %	95 %	

			:	SUBSCALE	S						
Standard Scores	Listening	Thinking	Speaking	Reading	Writing	Spelling	Mathematical Calculations	Quotients	Quotient	Percentiles	Percentile Rank
20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5	rdeX –	- 7		The state of the s	***	*-	- - - -	150 145 140 135 130 125 120 115 110 105 100 95 90 85 80 75 70 65	Xgra	≥99 95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20	Yoraa
2 1	•			•	•	•		60 55	•	10 5	•

Important: Before using this scale, read the section titled Rating Guidelines on page one.

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Goals, Objectives, and Interventions

1 Does not hear all of what is said

- Make certain the student's hearing has been checked recently.
- 2. Have the student repeat or paraphrase what is said to him/her in order to determine what was heard.
- **3.** Give the student short directions, explanations, and instructions to follow. As the student demonstrates success, gradually increase the length of the directions, explanations, and instructions.
- **4.** Maintain a consistent verbal delivery of information.
- 5. Make certain the student is attending to the source of information (e.g., making eye contact, hands free of writing materials, looking at assignment, etc.).
- **6.** Provide the student w tions and instructions directions and

Place the student near the source of the information.

- **10.** Reduce distracting stimuli (e.g., noise and motion in the classroom) in order to facilitate the student's ability to listen successfully.
- 11. Stop at key points when delivering directions, explanations, and instructions in order to determine student comprehension.
- **12.** Reduce the emphasis on competition in the classroom. Competition may cause the student to begin an activity before hearing all of what is said.

- 13. Deliver directions, explanations, and instructions at an appropriate pace.
- **14.** Identify a list of word endings, key words, etc., that the student will practice listening for when someone is speaking.
- 15. Use multiple modalities (e.g., auditory, visual, tactile, etc.) when presenting directions, explanations, and instructional content. Determine which modality is stronger and results.
- Learning Disability Intervention Manual

skills (e.g.,

18. Tell the student what to listen for when being given directions, receiving information, etc.

necessary note-taking material,

- 19. Play games to teach listening skills (e.g., Mother May I?, Simon Says, Red Light-Green
- **20.** Have the student silently repeat information just heard to help him/her remember the important facts.
- **21.** Have the student question any directions, explanations, instructions he/she does not understand.
- **22.** Evaluate the level of information presented to the student to determine if the information is presented at a level the student can understand.
- **23.** Reinforce the student for listening carefully based on the length of time the student can be successful. As the student demonstrates success, gradually increase the length of time he/she is required to listen.

II. Behaviors & Solutions

Has to have several reminders 1

- **1.** Establish rules for following directions (e.g., listen carefully to the directions; ask questions if you do not understand; follow the directions with-out having to be reminded; etc.). These rules should be consistent and followed by everyone in the home. Talk about the rules often.
- **2.** Reward your child for not requiring reminders to do what he/she is told to do. Possible rewards include verbal praise (e.g., "Thank you for making your bed without having to be reminded."), a kiss on the cheek, a hug, having a friend over to play, staying up late, watching a favorite TV show, or playing a game with a parent.
- **3.** If there are other children or adolescent in the home, reward them for doing wh are told to do without requiring
- Parent's Guide to Learning Disabilities **4.** Carefully co experience tellin
- **6.** When your child requires a reminder(s) to do something, explain what he/she did wrong, what should have been done, and why.

For example: You told your child to set the table before dinner. It is now five minutes until dinner time and the table is not set. Go to your child, tell him/her that this is a reminder to set the table and that it needs to be done immediately because dinner is ready.

7. Make sure your child is paying attention to you when you tell him/her to do something. Have your child look directly at you to know he/ she is listening and have your child repeat the direction to check for understanding.

- **8.** Do not give directions to your child from another room. Go to your child, get his/her undivided attention, and tell him/her what should be done.
 - **9.** Write a contract with your child.

For example: I, William, will make my bed without having to be reminded to do so for 5 days in a row. When I accomplish this, I can watch 30 extra minutes of TV.

The contract should be written within level of your child and should behavior at a time.

aving a toy in the ing run over by a car,

ake certain that your child sees the relationship between his/her behavior and the consequences which follow (e.g., failing to retrieve a toy from the street results in having a

- **12.** Along with a directive, provide an incentive statement (e.g., "You may have a bowl of ice cream after you get ready for bed.").
- **13.** Do not give your child more than two or three steps to follow in one direction. Directions that involve several steps can be confusing and cause your child to have difficulty following them. An example of a two-step direction is: "Please brush your teeth and go to bed."
- **14.** Deliver directions in a supportive, rather than threatening, manner (e.g., "Please take out the trash." rather than "You had better take out the trash or else!").
- **15.** Provide your child with a list of daily chores, weekly chores, etc., and put it where it will be seen often (e.g., on the closet door, on his/her desk, on the refrigerator, etc.).