

1. INTELLECTUAL/INFORMATION PROCESSING TEST RESULTS:

A. WECHSLER ADULT INTELLIGENCE SCALE-IV (WAIS-IV)

The WAIS-IV is comprised of a number of subtests which comprise the overall IQ.

Norms used: Age Standard Scores: Average = 100; Standard Deviation = 15 (Scores can range from 55 to 145) Scaled Scores: Average = 10; Standard Deviation = 3 (Scores can range from 1 to 19)

SCALE	ABILITIES MEASURED	CLASSIFICATION	STANDARD SCORE	%ILE	APPLICATION
Verbal Comprehension	Subtest 1, 2, 3	High Average	110	75	Understanding and expressing concepts through language; Tasks designed to assess verbal comprehension, including the ability to reason with words, to learn verbal material, and to process verbal information
Perceptual Reasoning	Subtest 6, 7, 8	Low Average	86	18	Understanding and demonstrating reasoning through visual ability; Tasks directed toward perceptual organizational abilities, including nonverbal reasoning, the ability to employ visual images in thinking, the ability to process visual material efficiently, integrating and organizing
Working Memory	Subtest 4, 5	Average	95	37	Short-term auditory memory; auditory attention and concentration
Processing Speed	Subtest 9, 10	Low Average	86	18	Visual processing speed; visual attention and sustained concentration
<b>FULL SCALE INTELLIGENCE QUOTIENT</b>	All Subtests (Reasoning & Processing)	Average	94	34	Predicted overall functioning within an academic setting
<b>GENERAL ABILITY INDEX</b>	All Reasoning Subtests (1,2,3,6,7,8)	Average	99	47	Predicted overall conceptual thinking within an academic setting

WAIS-IV BATTERY	SUBTEST	ABILITIES MEASURED BY SUBTEST	CLASSIFICATION	SCALED SCORE		APPLICATION
VERBAL	1. Information	Range of knowledge from experience; long-term memory	High Average	13		Remember facts; science, social studies, historical people, geographic information
	2. Similarities	Verbal concept formation, express how ideas are alike; logical, abstract thinking	Average	11		Concisely verbalize broad concepts (e.g. animals, food, art, scientific properties)
	3. Vocabulary	Language development; ability to define words; concept formation	High Average	12		Oral presentations, verbally answer questions, written expression, understanding terminology
	4. Arithmetic	Reasoning ability; numerical accuracy in mental arithmetic; auditory working memory; attention and concentration	Average	8		Rapid math problem-solving mentally; remembering specific, relevant facts when presented orally, multi-step directions
	5. Digit Span	Sequence numbers, attention, concentration, auditory short-term & working memory	Average	10	16 7 9	Remember phone numbers, locker combinations, multi-step directions
	6. Block Design	Arrange blocks in abstract patterns; perceptual organization; spatial visualization; abstract concept abilities; whole-to-part reasoning	Low Average	STD 7 7	BDN 8 10	See overall picture, then break into parts; perceiving angles, abstract patterns, geometry, architecture, visualization
	7. Matrix Reasoning	Identify differences and similarities, identify a "rule", and select a response based on that rule	Average	9		Recognize patterns, other perspectives, analogies, how information is related
	8. Visual Puzzles	Mentally assemble puzzles by selecting pictures of puzzle pieces to form a given overall picture	Low Average	7		Put pieces together to make a whole; recognize meaningful visual cues
	9. Coding	Rapidly copy symbols linked to a code; speed of visual-motor coordination, visual short-term memory, near-point copying; fine motor skills	Average	10		Accurately copying information (e.g. from board or overhead); taking notes
	10. Symbol Search	Speed of perceptually detecting identical shapes within a row	Borderline Delayed	5		Perceiving visual patterns; processing large amounts of visual input

**B. WOODCOCK JOHNSON COGNITIVE BATTERY (WJ-III-NU)**

Selected subtests from the WJ-III were used to assess various cognitive processing abilities

SUBTEST	ABILITIES MEASURED BY SUBTEST	CLASSIFICATION	STANDARD SCORE	%ILE	AE	GE	APPLICATION
2. Visual-Auditory Learning	Associate icons with a given, often unrelated, word in order to "read" sentences using the icons	Delayed	69	2	7-5	2.1	Long-term memory; association of new material to familiar material
4. Sound Blending	Blending sounds of spoken words together (e.g. fing-ger to finger)	Average	101	54	18-0	12.4	Related to using phonics when reading; understanding individuals with strong accents
12. Retrieval Fluency	Rapidly generate words related to a particular category	Borderline Delayed	78	8	10-0	4.6	Word retrieval from recall to express ideas; access long-term memory
18. Rapid Picture Naming	Quickly provide the name of various pictures	Borderline Delayed	76	5	9-4	4.0	Word retrieval given a visual cue, based on recall of knowledge
LONG-TERM RETRIEVAL	Comprised of Test 2, 12	Borderline Delayed	70	2	8-0	2.7	Delayed recall or retrieval of previously learned information

Age/Grade Equivalents: (AE/GE) Year [Age/Grade] and Months (the majority of children in the standardization sample who got the same number of items correct as your child were in the age or grade category indicated; this score is not necessarily equivalent to the curriculum for that particular grade or age)

**2. TESTS OF ATTENTION:**

**A. NEPSY-II**

Assesses various areas of neurocognitive functioning

BROAD AREAS	SCALED SCORE	CLASSIFICATION
Auditory Attention (Selective and sustained attention)	8	At Expected Level
Response Set (Shifting Attention)	9	At Expected Level

**B. TEA-Ch**

Assesses various areas of attention

BROAD AREAS	SCALED SCORE	CLASSIFICATION
<b>Selective Attention:</b>		
Sky Search: Accuracy (Number of Targets Found)	8	At Expected Level
Sky Search: Rate (Time Required)	9	At Expected Level
Sky Search Total Attention Score	10	At Expected Level
<b>Sustained Attention:</b>		
Score!	10	At Expected Level

**3. TESTS OF EDUCATIONAL DEVELOPMENT:**

Norms used: Age Standard Scores: Average = 100; Standard Deviation = 15 Percentile Rank: Average = 50 Age/Grade Equivalents: Year [Age/Grade] and Months

**A. BEERY BUKTENICA DEVELOPMENTAL TEST OF VISUAL MOTOR INTEGRATION-5 (VMI-5<sup>th</sup> Ed.)**

The VMI was used to evaluate paper and pencil skills for copying geometric designs

ABILITIES MEASURED BY TEST	CLASSIFICATION	STANDARD SCORE	%ILE	AE	APPLICATION
Visual-perceptual skills; fine motor control	Low Average	88	21	11-1	Perceiving angles and spatial relations, reproducing perceptions with paper and pencil, forming letters, using appropriate spacing between words

**B. NELSON-DENNY READING TEST**

Evaluates reading comprehension of lengthy passages under timed and extended timed conditions

SUBTEST	CLASSIFICATION	STANDARD SCORE	%ILE	GE
Reading Rate	Average	106	65	---
Comprehension Timed	Average	92	30	8.9
Comprehension Ext. Time	Average	118	89	16.6

**C. WOODCOCK JOHNSON TESTS OF ACHIEVEMENT-III (WJ-III-NU)**

The WJ-III was administered to determine current educational development in reading, math, and written language

SUBTEST	ABILITIES MEASURED BY SUBTEST	CLASSIFICATION	STANDARD SCORE	%ILE	AE	GE
<b>Reading:</b>						
1. Word Identification	Recognize or decode actual words	Average	101	52	17-1	11.6
2. Reading Fluency	Rapidly read and comprehend sentences	Average	98	45	16-0	10.6
3. Passage Comprehension	Comprehend short passages to fill in a missing word	Average	97	42	14-8	9.2
4. Word Attack	Rely on phonetic rules to sound out nonsense words	Average	95	36	12-3	6.8
BROAD READING CLUSTER	Comprised of Test 1, 2, 3	Average	99	47	16-3	10.8
BASIC READING CLUSTER	Comprised of Test 1, 4	Average	97	43	15-6	10.0
<b>Mathematics:</b>						
1. Calculation	Calculate numerical problems (e.g. addition, subtraction, division, algebraic equations)	Average	105	63	>21-0	13.0
2. Math Fluency	Quickly calculate addition, subtraction, multiplication	Average	108	71	>21-0	13.9
3. Applied Problems	Solve word problems presented simultaneously in visual and verbal formats; may include multiple steps	Average	105	63	>21-0	13.0
BROAD MATHEMATICS	Comprised of Test 1, 2, 3	Average	106	66	>21-0	13.0
CALCULATION SKILLS	Comprised of Test 1, 2	Average	107	67	>21-0	13.0
<b>Written Language:</b>						
1. Spelling	Write letters or spell words in isolation	High Average	111	78	>21-0	>13.0
2. Writing Fluency	Rapidly formulate sentences when given a visual cue and specific words to include	Average	107	69	>21-0	13.0
3. Writing Samples	Write descriptive sentences related to picture/situation	Average	91	28	12-10	7.4
BROAD WRITTEN LANGUAGE	Comprised of Test 1, 2, 3	Average	106	66	>21-0	13.0
WRITTEN EXPRESSION	Comprised of Test 2, 3	Average	99	48	16-1	10.6
<b>Language Clusters:</b>						
1. Story Recall	Listen and relay information presented in an oral story	Average	93	33	11-7	6.2
2. Picture Vocabulary	Provide specific name for objects in pictures	Average	93	32	14-1	8.6
ORAL EXPRESSION	Comprised of Test 1, 2	Average	91	28	13-10	8.4
3. Understanding Directions	Point to a series of objects in correct sequence	Borderline Delayed	78	7	8-10	3.5
ORAL LANGUAGE CLUSTER	Comprised of Test 1, 3	Borderline Delayed	79	8	9-6	4.1
<b>Academic Clusters:</b>						
ACADEMIC SKILLS	Comprised of Test 1 in Reading, Math, and Writing	Average	107	67	>21-0	13.0
ACADEMIC FLUENCY	Comprised of Test 2 in Reading, Math, and Writing	Average	104	60	>21-0	13.0
ACADEMIC APPLICATION	Comprised of Test 3 in Reading, Math, and Writing	Average	100	50	16-6	11.1