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	Ove	erall	Adm	inistra	tion Ti	me
		То	tal Ac	hieveme	ent Comp	osite
	Grade	PS	F	Years 1-2	Year 3	Years 4-12+
	Time (in minutes)	35	45	80	94	104
•	Time based o	on avera	ge achie	eving stude	nts.	
•	Students wit assess.	h lower a	academi	c achievem	ent will take	e less time to
•	Flexible batt administered	ery: Tim 1.	e will als	so depend o	on how man	y subtests are
16			/2011			PEARSON

"How reading	Long is the	Does it e only c	Take if oncern?"	-
SUBTEST	Years 1-2	Year 3	Years 4-12	
Reading Comp	10	13	16	
Word Rdg.	2	2	2	
Pseudowd. Decoding	2	2	2	
Oral Rdg. Fl.	5	7	9	
Oral Rdg. Fl.	5	7	9 PEARS	

Over	ali Admi	nistration	IIme
	Total Acl	nievement Co	omposite
Age	20:0- 25:11	26:0- 35:11	36:0- 50:11
Time (in minutes)	95	103	97

 Flexible battery: Time will also depend on how many subtests are administered.

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Standard Score

 Age norms &/or School Year norms
 Percentile Rank
 Normal Curve Equivalent
 Stanines
 School Year Equivalent
 Age Equivalent
 Growth Scale Values





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## The Standardisation Process Local norms were collected based on census-matched samples of students. Children from each age group and the 14 different school year levels were hassassed A total of 1132 children were administered the WIAT 3 ANZ to make up the three norm samples based on 1. Age (4:0-19:11) 2. Term 1-2 norms 3. Term 3-4 norms Norms for 4 yrs to 13 yrs were broken down into 4-month intervals When testing adults (age 20+), the US norms are used in ANZ. PEARSON

٦	The Norm	native Samples
Australian		
Preschool (PS)	Year 0	<ul> <li>Australian schooling levels were</li> </ul>
Foundation (F)*	Year 1	classified according to the Australian
Year 1	Year 2	Curriculum, Assessment and Reporting Authority, For New Zeeland
Year 2	Year 3	participants the Ministry of Education
Year 3	Year 4	New Zealand Curriculum was used to
Year 4	Year 5	classify the schooling levels.
Year 5	Year 6	, 0
Year 6	Year 7	* Please note Foundation refers to
Year 7	Year 8	the student's first year of formal
Year 8	Year 9	education - also referred to as
Year 9	Year 10	Kindergarten in ACT and NSW;
Year 10	Year 11	Preparatory in QLD, TAS and VIC;
Year 11	Year 12	Pre-Primary in WA; Transition in NT;
Year 12	Year 13	and Reception in SA.

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### Evidence of Validity

### Correlations with the WIAT-II Australian

- The WIAT-III<sup>A&NZ</sup> and the WIAT-II Australian were administered to 50 students in years AU PS-12 / NZ 0-13, with a testing interval between 4 and 42 days, and a mean testing interval of 25 days.
- The mean WIAT-II Australian composite scores were generally higher than their corresponding WIAT-III<sup>A&NZ</sup> scores.
- The mean composite score differences between the WIAT-III<sup>A&NZ</sup> and WIAT-II Australian were in the direction and at the magnitude expected given the combined impact of the Flynn effect (Flynn, 2007) and practice effects resulting from the study design.
- The corrected correlation coefficients of composite scores for the two instruments ranged from .74 (Written Expression-Written Language) to .92 (Total Achievement-Total).

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# 2 Subtests use Item Sets Reading Comprehension and Oral

- Reading Fluency subtests, items are grouped together into **item sets.**
- Item sets span a range of difficulty levels. They are delineated by school year-based start and stop points.
- Item Set Example: Year 4 students are administered items 25 to 45 in Reading Comprehension.

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# WIAT-III Subtest WIAT-III Composites Listening Comprehension Oral Language Oral Expression Oral Language

Subtest and Year Level	Description	Task Examples
Receptive Vocabulary (Years PS to 12 <sup>+</sup> )	Measures listening vocabulary.	Examinee points to the picture that best illustrates the meaning of each word s/he hears.



Cor	าvert Stanc	ing F lardi	law sed	Sc Sc	ore ore	s to s	0	
Subtest Score Summary								
Subtest	Raw Score	Standard Score		Confidence Interval 1951 % (B.3/C.3)	Percentile Rank (D.1)	Grade Equivalent (D.2)	Age Equivalent (D.3)	Growth Scale Value (D.4)
Listening Comprehension*(LC)			(//7)	/07-/27	87	6.1	(A+B)+2	526
Receptive Vocabulary	11	107	-		68	4.5	A	511
Oral Discourse Comprehension	18	/20	227		9/	7.7 8	8	541
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Descr	iption of th Oral Expres	e Subtests sion
Subtest and Year Level	Description	Task Examples
Expressive Vocabulary (Years PS to 12 <sup>+</sup> )	Measures speaking vocabulary and word retrieval ability.	Examinee says the word that best corresponds to a given picture and definition.
		DE 4

Subtest and Year Level	Description	Task Examples
Oral Word Fluency (Years PS to 12 <sup>+</sup> )	Measures efficiency of word retrieval (how easily he or she can produce words).	Examinee names as many things as possible belonging to a given category (i.e., animals, colors) within 60 seconds.

Subtest and Year Level	Description	Task Examples
Sentence Repetition (Years PS to 12 <sup>+</sup> )	Measures oral syntactic knowledge and short-term memory.	Examinee listens to sentences that increase in length and complexity and repeats each sentence verbatim.





Subtest and Year Level	Description	Task Examples
Early Reading Skills (Years PS-3)	Measures developing reading skills.	Names letters of the alphabet, identifies and generates rhyming words, identifies words with the same beginning and ending sounds, blends sounds, matches sounds with letters and letter blends, and matches written words with pictures that illustrate their meaning.

Desci	ription of the Reading	Subtests
Subtest and Year Level	Description	Task Examples
Word Reading (Years 1 to 12 <sup>+</sup> )	Measures speed and accuracy of word recognition without the aid of context.	Examinee reads aloud from a list of words that increase in difficulty.
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Descr	iption of the Reading	e Subtests
Subtest and Year Level	Description	Task Examples
Pseudoword Decoding (Years 1-12 <sup>+</sup> )	Measures ability to decode nonsense words.	Examinee reads aloud from a list of pseudowords that increase in difficulty.
<ul> <li>Exami (USB) prono</li> </ul>	ner can listen to for examples of unce pseudoword	the Audio File how to s.
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Description of the Subtests Reading		
Subtest and Year Level	Description	Task Examples
Oral Reading Fluency (Years 1–12 <sup>+</sup> )	Measures speed, accuracy, fluency, and prosody of contextualised oral reading.	Examinee reads passages aloud, and then orally responds to comprehension questions.
Uses the	e new Oral Reading Flue	ency Booklet
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	Adm Iter	inistration of RC n Set Approach
Year 1 2 3 4 5 6 7	Items         1 - 18         5 - 24         11 - 31         25 - 45         32 - 53         38 - 59         46 - 67	Item Set Reverse Rule If the sum of scores for all reversal items is 2 or less, go back one start point and continue administration. The reverse rule may be applied a maximum of 3 times.
8 9-12+	54 - 75 60 - 84	
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Converting Raw Scores to Standardised Scores							
Subtest Score Summary						_	
Subtest	Raw Score	Standard Score	Confidence Internal INC 95 (B.3/C.3)	Percentile Rank (D.1)	Grade Equivalent (D.2)	Age Equivalent (D.3)	Growth Scale Value (D.4)
Early Reading Skills (ERS)	33	8 99	87-111	47	3.2		502
Word Reading (WR)	22	85	80-90	16	2.0		427
Pseudoword Decoding (PD)	18	H (93)	87-99	32	2.3		473
Reading Comprehension (RC)	36 4	68 112	/0/-/23	79	7.7		525
Oral Reading Fluency (ORF)	55	30 87	79-95	19	2.3		477
Oral Reading Accuracy <sup>†</sup>	198	80 89	77-101	23	1.8		
Oral Reading Rate	2/7	86 🔛 90	82-98	25	2.0		









Subtest and Year Level	Description	Task Examples
Spelling (Years F-12 <sup>+</sup> )	Measures written spelling of letter sounds and single words.	Examinee hears each letter sound within the context of a word, and each word within the context of a sentence, and then the student writes the target letter sound or word.

Subtest and Year Level	Description	Task Examples
Sentence Composition	Measures sentence formulation skills and	Sentence Combining
(Years 1-12 <sup>+</sup> )	written syntactic maturity (SC) and syntactic ability (SB).	Sentence Building



Subtest and Year Level	Description	Task Examples
Essay Composition (Years 3- 12 <sup>+</sup> )	Measures spontaneous, compositional writing skills within a 10-minute time limit.	Student writes an essay in response to a "prompt."

Essay Composition	Essay Composition – Scori
	Essay Composition (Content and Organization)
Essay Composition Item 1	Raw Score
Write about your favorite game. Include at least 3 reasons why you like it.	II. Theme Development and Text Organization*
Hide and seek is a good name T like Playing	Introduction 2 1 0
HIDE ON SECK IS a good guine I TIRE TINGTING	Conclusion 2 1 0
that game at home becouse there is	Paragraphs 5 4 3 2 1 0
lots of places to hide. You can play	Transitions 5 4 3 2 1 0
it applications and Place This	Reasons Why 3 2 1 0
The angunere angune orgendere the	Elaborations 3 2 1 0
l'eason I lik hide and Seek is that	(Maximum = 20)
GOU Can Prtend to Play that yame the	*Use scoring rules in appendix B.5 for Word Count and B.6 for Theme Development and Text Organization.

Converting Raw Scores to Standardised Scores								
Subtest Score Summary								
Subtest	Raw Score	Standard Score	)	Confidence Interval 193% (8.3/C.3)	Percentile Rank (D.1)	Grade Equivalent (D.2)	Age Equivalent (D.3)	Growth Scale Value (D.4)
Alphabet Writing Fluency (AWF)	15	H	98	82-114	45	2.7		499
Spelling (SP)	16	Đ	92	85-99	30	2.3		448
Sentence Composition*(SC) Sentence Combining Sentence Building	8	98	77 (1) 156	67-87	6 45 .3	1.9. 2.7 . <1.0	(A+3)++	467 497 437
Essay Composition*(EC) Word Count Theme Development and Text Organization Grammer and Mechanics <sup>1</sup>	33 9 2	94 105	(00) (100) (199) (199) (100) (10	89-111	50 34 63 2/	3.4 <3.0 3.8 <3.0	(d+1))) (d+1))) (d+1))) (d+1))) (d+1))) (d+1))) (d+1))) (d+1))) (d+1))) (d+1)))) (d+1)))) (d+1)))) (d+1))))(d+1))))(d+1)))(d+1)))(d+1)))(d+1)))(d+1)))(d+1)))(d+1)))(d+1)))(d+1)))(d+1))(d+1)))(d+1))(	495 487 502
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Description of the Subtests Mathematics			
Subtest and Year Level	Description	Task Examples	
Maths Problem Solving (Years PS to 12 <sup>+</sup> )	Measures untimed maths problem- solving skills in the following domains: basic concepts, everyday applications, geometry, and algebra.	The examinee provides oral and pointing responses in response to questions presented orally (and often with visual cues) requiring the application of maths reasoning skills.	
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Description of the Subtests Mathematics		
Subtest and Year Level	Description	Task Examples
Numerical Operations (Years F– 12 <sup>+</sup> )	Measures untimed, written maths calculation skills in the following domains: basic skills, basic operations with integers, geometry, algebra, and calculus.	Examinee completes maths calculation problems presented in paper-pencil format.
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Subtest and Year Level	Description	Task Examples
Maths Fluency Addition (Years 1-12 <sup>+</sup> )	Measures the speed and accuracy of a student's maths (addition) calculations.	The examinee solves written addition problems within a 60- second time limit.
Maths Fluency Subtraction (Years 1–12 <sup>+</sup> )	Measures the speed and accuracy of a student's maths (subtraction) calculations.	The examinee solves written subtraction problems within a 60 second time limit.

escription of the Subtests	Description of th
Mathematics	Mathemat

Subtest and	Description	Task Examples		
Maths Fluency Multiplication (Years 3-12 <sup>+</sup> )	Measures the speed and accuracy of a student's maths (multiplication) calculations.	The examinee solves written multiplication problems within a 60-second time limit		
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Subtest Score Summary							
Subtest	Raw Score	Standard Score	Confidence Interval ISO % (B3VC3)	Percentile Rank (D.1)	Grade Equivalent (D.2)	Age Equivalent (D.3)	Growth Scale Value (D.4)
Math Problem Solving (MPS)	47	₿ (120)	///-/29	9/	5.3		548
Numerical Operations (NO)	25	H (1/2)	104-120	79	4.0		527
Math Fluency—Addition (MFA)	23	100	89-111	50	3.2		487
Math Fluency—Subtraction (MFS)	23	115	/04-/22	81	4.7		550
Math Fluency-Multiplication (MFM)	15	118	109-127	88	4./		538





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Differences Between Composite Standard Scores								
Conservation	Score 1		Score 2		Difference	Critical Volue	Significant Difference Y/N	Base Rate
Oral Language vs. Total Reading	1/7	-	9/	-	26	11.85	Y	≤5%
Oral Language vs. Basic Reading	1/7	-	89		28	11.59	Y	<u>45%</u>
Oral Language vs. Reading Comprehension and Fluency	117		99	•	18	14.08	Y	\$15%
Dral Language vs. Written Expression	117	-	87		30	13.61	Y	≤5%
Oral Language vs. Mathematics	1/7	-	117	•	0	/5.07	N	715%
Oral Language vs. Math Fluency	1/7			÷	6	13.18	N	715%
Total Reading vs. Basic Reading	9/	-	89		2	6.97	N	715%
Total Reading vs. Reading Comprehension and Ruency	9/	-	99		-8	10.62	N	715%
Total Reading vs. Written Expression	9/		87	-	4	9.97	N	715%
Total Reading vs. Mathematics	9/		117		-26	9.25	Y	510%
Total Reading vs. Math Ruency	9/	-	111		-20	9.39	Y	\$15%













% Correct By

75%

75%

0% 100% 100%

50% 90%



WIAT-III Intervention Goal Statements Report

Given a list of \_\_\_\_\_words containing (*circle*: initial/medial/final) position consonant digraphs, the student will identify the digraphs and read the list aloud with no more than \_\_\_\_ consonant digraph errors.

The student will watch the teacher use letter cards to form \_\_\_\_\_one-syllable words/nonwords containing consonant digraphs (forming one word at a time and creating a new word by placing a different letter card on top of one of the cards), and the student will read the words with no more than \_\_\_\_ errors.

Consonant digraphs will include the following (circle/enter): ch. sh. th. wh. ng. dg. gh.

Note: To encourage reading with comprehension, the student may also be challenged to orally use each word in a sentence after reading each word aloud; if words and nonwords are formed, the teacher may ask, *ls this a word?* after the student reads each one.

Card examples: [ch] [o] [p], [sh] [o] [p], [p] [o] [sh]

Consonant digraphs will include the following (circle/enter): ch, sh, th, wh, ng, dg, gh,

Word Reading Consonant Digraphs Items with Errors: 9, 10 Annual Goal

Given a list of

Short-Term Objectives

