




Coming Fall 2014!

Paper/Pencil Format **Digital Format (Q-Interactive)**




Both formats include the same subtests.

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Scoring Options


Paper/Pencil Format **Digital Format**



Hand-score **Q-global Scoring & Reporting** **Automatic Scoring & Reporting via Q-interactive**

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Scoring: Paper/Pencil Format




Hand-score **Q-global Scoring & Reporting**

With the traditional paper and pencil format, you will have the option to hand-score.

- **Web-based Scoring**
 - Score Report
 - Combination Reports
 - Narrative Reports
- **New pricing**
 - Subscriptions (unlimited access) OR
 - Per usage

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Scoring: Digital Format





Automatic Scoring & Reporting via Q-interactive

Similar score report output as those available on Q-global, *plus*:

- Automatic subtest scoring
- Immediate scaled scores

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Summary of Scoring Options


Paper/Pencil Format	Digital Format
	
Hand-score	Automatic Scoring & Reporting via Q-interactive at no additional fee.
Q-global Scoring & Reporting with per use and unlimited use options available.	

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Why Transition to WISC-V?

Choice: Choice of traditional paper and pencil or digital format.

The digital format recognizes the child as a digital native and provides a positive and enjoyable format.



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DEVELOPMENT OF THE WISC-V
New Subtests and Retained Content with Revisions



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WISC-V Subtest Modifications

Subtest	Domain	New WISC Subtest	# New, what W same?	Administration	Recording & Scores	New Items	Paper	Digital
Information	VC				x	x	x	x
Similarities	VC				x	x	x	x
Vocabulary	VC				x	x	x	x
Comprehension	VC				x	x	x	x
Block Design	VS			x	x	x	x	x
Visual Puzzles	VS	x	WAB-IV				x	x
Matrix Reasoning	FR						x	x
Figure Weights	FR	x	WAB-IV				x	x
Picture Concepts	FR						x	x
Arithmetic	FR (TRD)						x	x
Digit Span	WM			x	x	x	x	x
Picture Span	WM	x	WISC-V				x	x
Letter-Number Sequencing	WM			x	x	x	x	x
Coding	PS			x	x	x	x	x
Symbol Search	PS			x	x	x	x	x
Cancellation	PS			x	x	x	x	x
Rapid Naming	PS (for PSW)	x	WISC-V				x	x
Paired Associates I	LM (for PSW)	x	WISC-V				x	x
Paired Associates II	LM (for PSW)	x	WISC-V				x	x

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Changes to Retained "Perceptual Reasoning" Subtests

- Block Design
 - New complex designs
- New process scores
 - Partial score
 - Simplified Break in Configuration Error Score

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Changes to Retained

Processing Speed: Coding	Processing Speed: Symbol Search	Letter-Number Sequencing
<ul style="list-style-type: none"> Item difficulty consistent across rows Changed symbols for digital 	<ul style="list-style-type: none"> New symbols Evaluating error scores 	<ul style="list-style-type: none"> Revised letter-number sequencing (teaching process, non-rhyming stimuli)

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Symbol Search Administration and Scoring

- Child now marks the matching symbol in search group instead of YES (YES removed) for improved process/error observation
- What is a set error and a rotation error? How do I find them easily?

rotation error

set error

- Why aren't the set error score and the rotation error scores scaled scores?

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Symbol Search Scoring

10. Symbol Search Time limit: 120 seconds

Start Ages 6-7 Form A Demonstration Items, Sample Items, then Test Items
Discipline After 120 seconds
Score Use the Symbol Search Scoring Keys to score the child's responses. Subtract Number Incorrect from Number Correct. If the total raw score is 0, enter 0 as the total raw score.
SSc Total number of rotated symbols marked by the child
SSe Total number of set symbols marked by the child

Form	Time Limit	Completion Time (in seconds)	Number Correct	Number Incorrect	Total Raw Score
A	120* (2:00)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/> (Max = 42)
B	120* (2:00)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/> (Max = 60)

Symbol Search A Time Bonus Scores for Perfect Performance			
Time in Seconds	120	111-119	110
Score	40	41	42
SSc			
	(Form A: Max = 38)	(Form A: Max = 38)	(Form A: Max = 38)
	(Form B: Max = 20)	(Form B: Max = 20)	(Form B: Max = 20)

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Changes: New Subtests

Visual Spatial Index	Fluid Reasoning Index	Working Memory Index	Complementary Subtests
<ul style="list-style-type: none">Visual Puzzles	<ul style="list-style-type: none">Figure Weights	<ul style="list-style-type: none">Picture SpanDigit Span Sequencing added to Digit Span Subtest	<ul style="list-style-type: none">Naming Speed LiteracyNaming Speed QuantityImmediate Symbol TranslationDelayed Symbol TranslationRecognition Symbol Translation

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Changes: New Subtests

- Child views a completed puzzle and selects three response options that would combine to reconstruct the puzzle.
- Item time limit of 30 seconds.
- Assesses ability to analyze and synthesize abstract information.
- Factor Loading - Visual-Spatial Index.



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Figure Weights

5-Factor Structure Fluid Reasoning Subtest

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Picture Span

Stimulus Page

Response Page

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Naming Speed Literacy

Color-Object Naming (age 6) Size-Color-Object Naming (age 6-8)

Letter-Number Naming (ages 7-16)

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Naming Speed Quantity

Research suggests a relationship between Naming Speed Quantity and difficulties in math.


1-4 (age 6) 1-5 (ages 7-16)

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Symbol Translation

- Immediate
- Delayed
- Recognition


“Tell me what each one means.”



... “A man is on a boat”

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WISC-V on Q-interactive



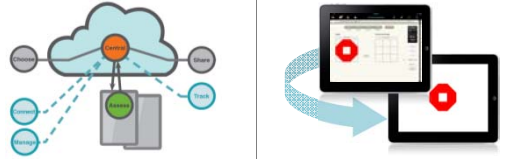
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Q-Interactive

Digital system for individually-administered tests consisting of two primary components.

Central:
Secure, browser-based function for generating client profiles, building test batteries, creating assessment sessions, and sharing results.

Assess:
Application that lets an examiner administer a test via two tablets connected by Bluetooth.



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Q-Interactive Components of Assessment

Practitioner ← No Internet Needed for testing → Client

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Support Tab – Includes Key Materials

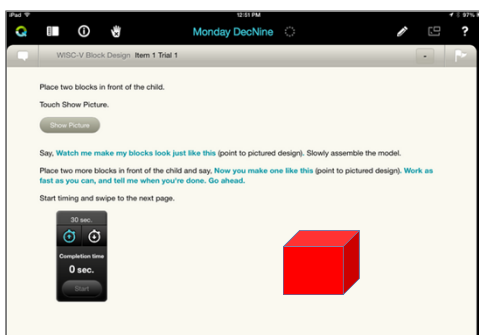
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Equivalence vs Equating

<p>Are the raw scores on the two forms the same?</p> <ul style="list-style-type: none"> Subtests with little change (all except Processing Speed) Paper norms, reliability, and validity applicable to digital results Previously shown on WISC-IV and others (QI technical reports: www.helloq.com/research.html) 	<p>How can the scores on both forms be equal?</p> <ul style="list-style-type: none"> For Processing Speed subtests (Coding, Symbol Search, Cancellation) only Need additional validity evidence beyond paper format
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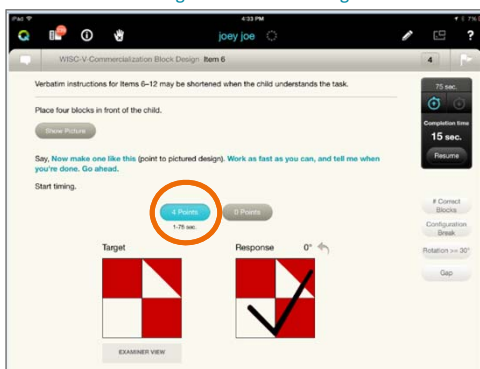
Block Design



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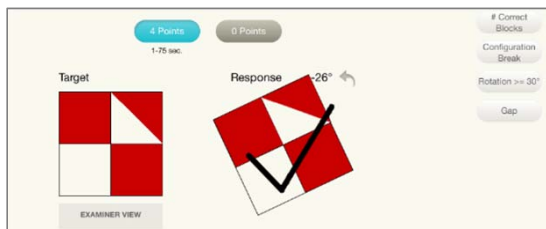
1-Page Admin and Scoring



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Rotations (Points are Awarded)



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Rotations (O-points)

4 Points
1-70 sec

Target

Response -37°

EXAMINER VIEW

31

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Information: WISC-V Digital

WISC-V Information: Item 14: President

Where does the President of the United States live?

3 Points

White House
1800 Pennsylvania Avenue, Pennsylvania Avenue
Washington, D. C.
District of Columbia, D.C.

Camp David, 28000 secondary residence of the President
Washington
Pennsylvania
Capitol, Capitol House, building
House, President's house, Mansion
United States of America, United States

Response

Write here with stylus

32

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WISC-V Figure Weights on Q-i

WISC-V Figure Weights

Child Kimbell

WISC-V Figure Weights: Sample Item A

Correct Response (2): Say, That's point to response option 2) is the right shape, so you know it's same as the red circle (point to scale). Let's try some more. Swipe to the next page.

the same as the red circle (point to red circle on scale)?

If the child chooses response option 3, say, That's not quite right. This one (point to response option 3) is a different shape, so you don't know that it weighs the same as this (point to red

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WISC-V Picture Concepts

Correct Response: Say, *That's right. This tree (point to response option 2) goes with this tree (point to response option 3). They are both trees. Let's try another one.* Swipe to the next page.

Incorrect Response: Say, *That's not quite right. This tree (point to response option 2) goes with this tree (point to response option 3). They are both trees. Let's try another one.* Swipe to the next page.

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Picture Span – Auto Exposure

Monday DecNine

WISC-V Picture Span: Sample Item B Trial 1

Touch Show Picture and say, *These pictures are in order. This one (point to sock) is first, and this one (point to apple) is next.*

Show Picture

Touch Show Picture (S) to start stimulus exposure countdown.

Show Picture (S)

Hide Picture

When the response page appears on the child's screen, say, *Touch the pictures in the order I showed you.* Immediately swipe to the next page.

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What will Picture Span Look Like?

Monday DecNine

WISC-V Picture Span: Sample Item B: Trial 1

1 Point 0 Points

Correct pictures, correct sequence: B - A

Incorrect response

Sequence: B

Correct pictures in correct sequence (B - A): Say, *That's right.* Swipe to the next page.

Incorrect response or correct pictures out of sequence (A - B): Say, *That's not quite right. Let's try again.* Swipe to the next page.

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Coding: Stylus Practice

Touch Show Picture.

Show Picture

Hold up the Examinee Stylus and say, "See this pen?" You can use it to draw on your screen (draw a few straight and curvy lines in the corner of the Pen Practice box on the child's screen). The pen is the only thing that should touch the screen. If your hand touches the screen (peek wrist to show secondary hand contact), the pen may stop working.

Hand the child the Examinee Stylus and say, "Now you try. Use the pen to draw whatever you want in the box, but make sure the pen is the only thing that touches the screen. Allow the child to practice using the stylus, correcting inappropriate use immediately as follows:

- If the child's stylus becomes unresponsive due to secondary hand contact, say, "Don't let your hand touch the screen."

Pen Practice

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Coding Sample

Touch Show Picture.

Show Picture

Say, "Now you do these (point to sample items). Go ahead. Allow the child to complete the sample items."

Correct Incorrect

If the child makes a mistake on a sample item, correct the error immediately. Use the item to review use of the key. Continue to help the child. If necessary, wait the child correctly completes the sample items. Use explanations such as "You see, this is a B. This B has this mark (point to B in key), so you should draw the same mark here (point to empty square)."

Do not proceed with the test items until the child has correctly completed the sample items and understands the task. If it is clear that the child will not be able to understand the task with further instruction, discontinue the test by

Pen Practice

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What does Symbol Search Look Like?

Touch Show Picture.

Show Picture

Point to the sample items and say, "Now you do these. If you see one of the shapes, touch it. If you don't see one of the shapes, touch the NO box. Go ahead. Allow the child to complete the sample items."

The first and third sample items contain a matching symbol in the search group. The second sample item does not contain a matching symbol in the search group, but it does contain a rotated version of the target symbol.

Correct Incorrect

Say, "That's right. Now you know how to do them."

Say, "Remember to touch the arrow when you finish a page (point to arrow). Allow the child to press the arrow."

After the checkmark is visible on the

Pen Practice

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Naming Speed - Recording Responses

Acquire rapid score when using Q-Interactive.

Correct Response: Offer praise such as **Yes or Right and, finally, Now you know how to do them.**
Swipe to the next page.

Incorrect Response: If the child incorrectly names an element, correct the error immediately. Use phrases such as **Stop or Wait. Point to the incorrectly named element and say, 'This one has [insert correct response]. Keep going from here please to correctly name element.**
Do not proceed until the child understands the task. If it is clear that the child will not be able to understand the task with further instruction, swipe past the intervening pages and proceed to the

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Immediate Symbol Translation

Default = Incorrect
One touch = Correct

Placement of bubble

Correct Response: Say, **Let's try another one.**
Swipe to the next page.

Incorrect Response: Say, **Let's try again.**
Swipe to the next page.

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VIEWING RESULTS
WISC-V on Q-Interactive

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Subtest Results in Central

Battery & Results
Dec 13, 2013
Assessment Status: Complete (last sync: 1:47PM Dec 13)

Subtests Composite Comparisons

WISC-IV

View By: Administration Order

Subtest	Scaled Score	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Block Design	18																			
Similarities	13																			
Digit Span	12																			
Picture Concepts	16																			
Coding	18																			
Vocabulary	11																			
Letter-Number Sequencing	19																			
Matrix Reasoning	7																			
Comprehension	8																			

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Item Level Responses

Assessment WISC-IV - Jul 26, 2013

Item Data

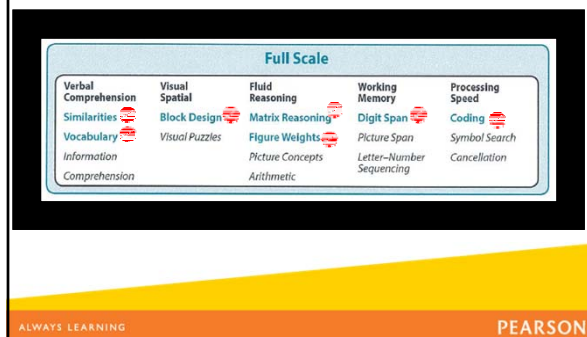
Item	Raw Score	Response	Verbatim Response(s)	Events
Item 1: Sheep-Pen	0			
Item 2: Black-White	2	Colors		
Item 3: Soda-Juice	2		Things you drink, sweet beverages	
Item 5: Sandwich-Pizza	2		They are four-legged; They are mammals with hair	
Item 4: Lion-Horse	2			
Item 6: Jack-Don	4			
Item 7: Red-Green	4	Things you can sit on		
Item 8: Grass-Flower	4		They both are green; They grow out of the ground; They have chlorophyll; They grow in sunlight	
Item 9: Glasses-Book	0			
Item 10: Tennis-Racquet	2	Things you play sports		
Item 11: Cook-Doctor	2		profession, trained people, practice	

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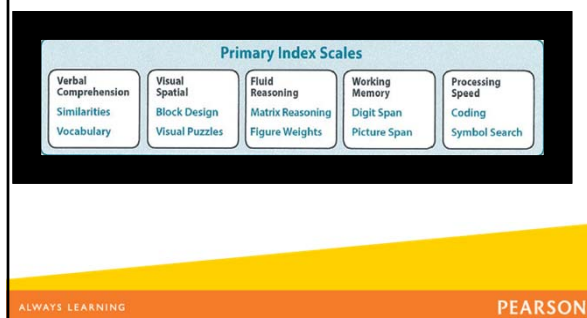
WISC-V TEST STRUCTURE

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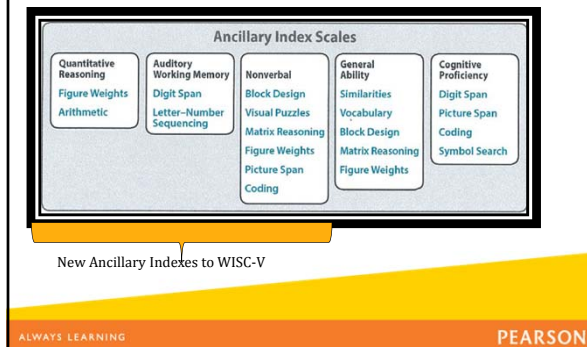
Test Structure – Full Scale IQ



Test Structure – Primary Index Scales



Test Structure – Ancillary Index Scales



Complementary Index Scores

Complementary Index Scales

Naming Speed Naming Speed Literacy Naming Speed Quantity	Symbol Translation Immediate Symbol Translation Delayed Symbol Translation Recognition Symbol Translation	Storage and Retrieval Naming Speed Index Symbol Translation Index
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NSI
STI
SRI

On Record Form Ancillary and Complementary Analysis Pages and in Administration and Scoring Manual Supplement: Optional carry-along
 Note: SRI = NSI + STL... SRI = NSL + NSQ + IST + DST + RST

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Selected CFA Model

- 5 Factor
- Arithmetic on Fluid Reasoning, Crossloading on WM and VC

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WISC-V Scoring and Interpretation: An introduction

Discover the ways the WISC-V delivers enhanced insights with new and different scores.

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How to Report and Describe Performance






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What is represented by the VCI?




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What is represented by the VSI?



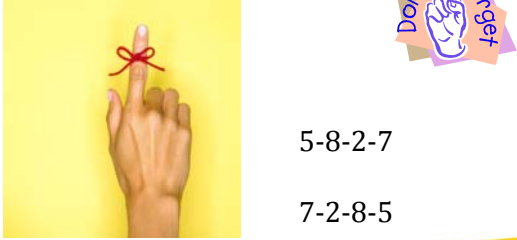
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What is represented by the FRI?



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What is represented by the WMI?



5-8-2-7
7-2-8-5


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What is represented by the PSI?



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Descriptive Classifications



Composite Score Range	Traditional Descriptive Classification ("Old")	Classification
130 and above	Very Superior	
120-129	Superior	
110-119	High Average	
90-109	Average	
80-89	Low Average	
70-79	Borderline	
69 and below	Extremely Low	

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Substitution and Proration = No More "Core" and "Supplemental"

FSIQ Subtest	Allowable Substitutions for Deriving the FSIQ*
Similarities	Information or Comprehension
Vocabulary	Information or Comprehension
Block Design	Visual Puzzles
Matrix Reasoning	Picture Concepts
Figure Weights	Picture Concepts or Arithmetic
Digit Span	Picture Span or Letter-Number Sequencing
Coding	Symbol Search or Cancellation

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Choosing the Level of Significance

Comparison Selections

Critical Value Significance Level

.01 .05 .10 .15

←—————→

More stringent Less stringent

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Evaluate Index-Level Pairwise Comparisons

Comparison Selections
 Critical Value Significance Level
 .01 .05 .10 .15
 Base Rate Reference Group
 Overall Sample Ability Level

Pairwise Difference Comparisons	Score 1	Score 2	Difference	Critical Value	Significant Difference	Base Rate
VCI - VSI	VCI <input type="text"/>	- VSI <input type="text"/>	= <input type="text"/>	<input type="text"/>	Y or N <input type="text"/>	<input type="text"/>
VCI - FRI	VCI <input type="text"/>	- FRI <input type="text"/>	= <input type="text"/>	<input type="text"/>	Y or N <input type="text"/>	<input type="text"/>
VCI - WMI	VCI <input type="text"/>	- WMI <input type="text"/>	= <input type="text"/>	<input type="text"/>	Y or N <input type="text"/>	<input type="text"/>
VCI - PSI	VCI <input type="text"/>	- PSI <input type="text"/>	= <input type="text"/>	<input type="text"/>	Y or N <input type="text"/>	<input type="text"/>
VSI - FRI	VSI <input type="text"/>	- FRI <input type="text"/>	= <input type="text"/>	<input type="text"/>	Y or N <input type="text"/>	<input type="text"/>
VSI - WMI	VSI <input type="text"/>	- WMI <input type="text"/>	= <input type="text"/>	<input type="text"/>	Y or N <input type="text"/>	<input type="text"/>
VSI - PSI	VSI <input type="text"/>	- PSI <input type="text"/>	= <input type="text"/>	<input type="text"/>	Y or N <input type="text"/>	<input type="text"/>
FRI - WMI	FRI <input type="text"/>	- WMI <input type="text"/>	= <input type="text"/>	<input type="text"/>	Y or N <input type="text"/>	<input type="text"/>
FRI - PSI	FRI <input type="text"/>	- PSI <input type="text"/>	= <input type="text"/>	<input type="text"/>	Y or N <input type="text"/>	<input type="text"/>
WMI - PSI	WMI <input type="text"/>	- PSI <input type="text"/>	= <input type="text"/>	<input type="text"/>	Y or N <input type="text"/>	<input type="text"/>

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Conduct Ancillary Index Analysis

Scale	Sum of Scaled Scores	Index Score	Percentile Rank	Confidence Interval 90% of 95%
Quantitative Reasoning	<input type="text"/>	QRI <input type="text"/>	<input type="text"/>	<input type="text"/>
Auditory Working Memory	<input type="text"/>	AWMI <input type="text"/>	<input type="text"/>	<input type="text"/>
Nonverbal	<input type="text"/>	NVI <input type="text"/>	<input type="text"/>	<input type="text"/>
General Ability	<input type="text"/>	GAI <input type="text"/>	<input type="text"/>	<input type="text"/>
Cognitive Proficiency	<input type="text"/>	CPI <input type="text"/>	<input type="text"/>	<input type="text"/>

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Perform (Optional)

PROCESS ANALYSIS

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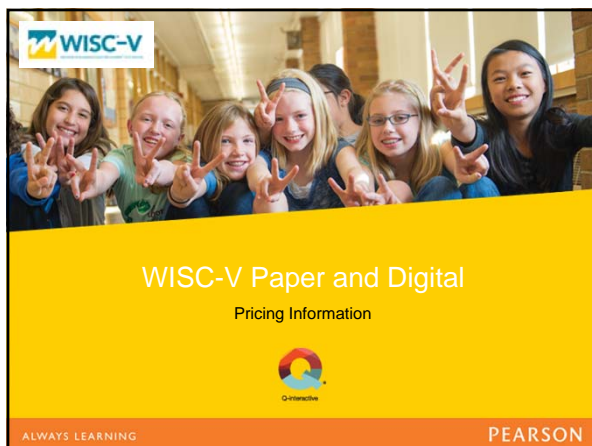
Table 1.4 Scaled and Standard Process Score Abbreviations and Score Type

Scaled or Standard Process Score	Abbreviation	Score Type
Block Design No Time Bonus	BDn	Scaled
Block Design Partial Score	BDp	Scaled
Digit Span Forward	DSf	Scaled
Digit Span Backward	DSb	Scaled
Digit Span Sequencing	DSs	Scaled
Cancellation Random	CAr	Scaled
Cancellation Structured	CAs	Scaled
Naming Speed Color-Object	NSco	Standard
Naming Speed Size-Color-Object	NSco	Standard
Naming Speed Letter-Number	NSln	Standard

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Evaluate (Optional)
ANCILLARY CONTRAST SCORES

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WISC-V
 Pricing Information

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Pricing - Paper and Pencil Administration

Order Complete Kit			Order Components		
Manual Scoring					
Kits	Price	Qty	Manuels	Price	Qty
WISC-V Complete Kit 0158978447	\$1,031.00	<input type="checkbox"/>	WISC-V Technical and Interpretive Manual 015897848X	\$215.00	<input type="checkbox"/>
WISC-V Complete Kit - Soft Bag 0158978455	\$1,085.00	<input type="checkbox"/>	WISC-V Administration and Scoring Manual 0158978471	\$215.00	<input type="checkbox"/>
WISC-V Complete Kit - Hard Case 0158978463	\$1,094.00	<input type="checkbox"/>	Administration Materials		
			WISC-V Record Forms 0158978498 Pkg of 25	\$125.00	<input type="checkbox"/>
			WISC-V Response Booklet 1 0158978501 Pkg of 25	\$81.00	<input type="checkbox"/>
			WISC-V Response Booklet 2 015897851X Pkg of 25	\$51.00	<input type="checkbox"/>

**Pre-pub Pricing
Good Until 9/30/14**

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WISC-V Digital on Q-interactive

- Sign up at WISCV.com

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Additional Questions?

Talk to a Consultant: **800-627-7271**
 Email: ClinicalCustomerSupport@Pearson.com

Join us for additional sessions!

See WISCV.com for more information!

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