

Batería IV

A SPANISH PARALLEL OF WOODCOCK-JOHNSON IV



Batería™ IV

Batería IV

An efficient, effective assessment of cognitive abilities and academic skills for Spanish Speakers

The **Batería IV Woodcock-Muñoz (Batería IV™)** provides a sound assessment of cognitive abilities and academic skills with updated norms and content that reflects current Spanish linguistic conventions and culture.

The **Batería IV** reports on a variety of scores that utilize the same Cattell Horn Carroll (CHC) framework as the **WJ IV**, offering the same ease of use and flexibility that examiners need to accurately evaluate learning problems for Spanish speaking children and adults. All scoring is completed via the web-based **Riverside Insights Assessment Management System (RAMS)**, accessible for free with a test record purchase.

As the parallel Spanish version of the **Woodcock-Johnson IV (WJ IV)**, **Bateria IV** also allows for a direct comparison of a student's skills in Spanish and English when used in conjunction with the **WJ IV**.

Why Test with Bateria IV?

- A single, comprehensive testing suite with solutions for early childhood through adult and senior testing in Spanish
- Updated and expanded interpretive model includes Gf-Gc Composite for comparison to measures of academic achievement and cognitive processing
- New domain-specific scholastic aptitude clusters that allow for efficient and valid predictions of academic achievement

Head to riversideinsights.com/bateria-iv to learn more!

The Batería IV™ represents a significant revision of Batería III®



Goals of the New Edition

- Design a comprehensive assessment system to evaluate individuals whose native language is Spanish
- Facilitate an exploration of strengths and weaknesses across cognitive, linguistic, and academic abilities
- Enhance diagnostic capabilities by focusing on describing cognitive performance and understanding the nature of learning problems
- Increase the ease and flexibility of use for examiners
- Reframe variation and ability/achievement comparison procedures
- Go beyond CHC theory as conceived in the **Batería III**
- Highlight important narrow abilities and consider cognitive complexity of tasks

Modified Tests

Two of the **Batería III** tests were modified in the **Batería IV**.

- **Visualization** (composed of two subtests):
Spatial Relations and Block Rotation
- **Oral Vocabulary** (composed of two subtests):
Synonyms and Antonyms

Four New Tests

Batería IV contains four new tests.

- Phonological Processing
- Nonword Repetition
- Letter-Pattern Matching
- Verbal Attention

Batería IV

The Cognitive Battery

(Pruebas de habilidades cognitivas)

The Cognitive Battery includes 14 tests and 15 clusters. Use it to accurately pinpoint learning problems in native Spanish speakers, as well as measure the most contemporary specifications of CHC theory.

- Comprehension-Knowledge (Gc)
- Fluid Reasoning (Gf)
- Short-Term Working Memory (Gwm)
- Cognitive Processing speed (Gs)
- Auditory Processing (Ga)
- Long-Term Storage and Retrieval (Glr)
- Visual Processing (Gv)

			Cognitive Composites			CHC Factors						Narrow Ability and Other Clinical Clusters/Tests							
			Habilidad intelectual general	Habilidad intelectual breve	Gf-Gc combinado	Comprensión-conocimiento (Gc)	Razonamiento fluido (Gf)	Memoria de trabajo a corto plazo (Gwm)	Velocidad de procesamiento cognitivo (Gs)	Procesamiento auditivo (Ga)	Recuperación a largo plazo (Glr)	Percepción visual-espacial (Gv)	Razonamiento cuantitativo (RQ)	Destreza numérica (N)	Rapidez perceptual (P)	Vocabulario (VL/LD)	Eficiencia cognitiva		
Batería IV COG Battery	COG 1	Vocabulario oral	■	■	■	■												■	
	COG 2	Series numéricas	■	■	■		■							■ ¹					
	COG 3	Atención verbal	■	■				■											□
	COG 4	Pareo de letras idénticas	■					■											
	COG 5	Procesamiento fonético	■						■										
	COG 6	Rememoración de cuentos	■							■									
	COG 7	Visualización	■								■								
	COG 8	Información general			■	■													
	COG 9	Formación de conceptos			■		■												
	COG 10	Inversión de números						■								■			■
	COG 11	Pareo de números idénticos													■	■			□
	COG 12	Repetición de palabras sin sentido								■									
	COG 13	Cancelación de pares							■										
	COG 14	Rapidez en la identificación de dibujos										■							
WJIV OL Battery	OL 10	Vocabulario sobre dibujos																■	
Batería III COG Battery	Batería III COG 2	Aprendizaje visual-auditivo										■							
	Batería III COG 13	Reconocimiento de dibujos											■						

■ Tests required to create cluster listed.

□ Additional test required to create an extended version of the cluster listed.

¹This is a single measurement of this ability.

Batería III COG vs. Batería IV COG Comparison

What's New in the Pruebas de habilidades cognitivas

- Utilizes a single test book
- Includes 14 tests, six of which are new or modified from the previous edition
- Offers online scoring and reporting capabilities
- Provides a co-normed assessment with **Batería IV Pruebas de aprovechamiento**
- Facilitates effective evaluations of gifted and talented students
- Six new clusters have been added and the composition of each cluster has been revised to increase cognitive complexity
- Partial credit scoring and the need to establish basals and ceilings within item groupings have been eliminated to streamline test administration
- A strong emphasis has been placed on a core set of tests (tests 1–7)
- Specific tests from **Batería III** and the **WJ IV Tests of Oral Language** can be administered to supplement the evaluation

Batería III COG		Batería IV COG	
TEST BATTERY (English)	TEST BATTERY (Spanish)	TEST BATTERY (English)	TEST BATTERY (Spanish)
1. Verbal Comprehension	1. Comprensión verbal	1. Oral Vocabulary	1. Vocabulario oral
2. Visual-Auditory Learning	2. Aprendizaje visual-auditivo	2. Number Series	2. Series numéricas
3. Spatial Relations	3. Relaciones espaciales	3. Verbal Attention (New)	3. Atención verbal
4. Sound Blending	4. Integración de sonidos	4. Letter-Pattern Matching (New)	4. Pareo de letras idénticas
5. Concept Formation	5. Formación de conceptos	5. Phonological Processing (New)	5. Procesamiento fonético
6. Visual Matching	6. Pareo visual	6. Story Recall	6. Rememoración de cuentos
7. Numbers Reversed	7. Inversión de números	7. Visualization (New)	7. Visualización
8. Incomplete Words	8. Palabras incompletas	8. General Information	8. Información general
9. Auditory Working Memory	9. Memoria de trabajo auditiva	9. Concept Formation	9. Formación de conceptos
10. Visual-Auditory Learning–Delayed	10. Memoria diferida – Aprendizaje visual-auditivo/visual-auditivo	10. Numbers Reversed	10. Inversión de números
Extended Battery	11. General Information	11. Información general	11. Pareo de números idénticos
	12. Retrieval Fluency	12. Fluidez de recuperación	12. Nonword Repetition (New)
	13. Picture Recognition	13. Reconocimiento de dibujos	12. Repetición de palabras sin sentido
	14. Auditory Attention	14. Atención auditiva	13. Pair Cancellation
	15. Analysis-Synthesis	15. Análisis-Síntesis	13. Cancelación de pares
	16. Decision Speed	16. Rapidez en la decisión	14. Rapid Picture Naming
	17. Memory for Words	17. Memoria para palabras	14. Rapidez en la identificación de dibujos
	18. Rapid Picture Naming	18. Rapidez en la identificación de dibujos	
	19. Planning	19. Planeamiento	
	20. Pair Cancellation	20. Cancelación de pares	
Supplemental Battery	21. Memory for Names	21. Memoria para nombres	
	22. Visual Closure	22. Integración visual	
	23. Sound Patterns – Voice	23. Configuración de sonidos – Vocalizada	
	24. Number Series	24. Series numéricas	
	25. Number Matrices	25. Números matrices	
	26. Cross Out	26. Tachar	
	27. Memory for Sentences	27. Memoria para frases	
	28. Block Rotation	28. Rotación de bloques	
	29. Sound Patterns – Music	29. Configuración de sonidos – Musical	
	30. Memory for Names – Delayed Recall	30. Memoria diferida – Memoria para nombres	
	31. Verbal Comprehension – Bilingual	31. Comprensión verbal bilingüe – Español/inglés	

Batería IV

The Achievement Battery

(Pruebas de aprovechamiento)

The Achievement Battery includes 13 tests and 17 clusters. Use it to screen, diagnose, and monitor progress in reading, writing, and mathematics achievement areas. Cross-Domain Clusters include:

- Academic Skills
- Academic Fluency
- Academic Applications
- Brief Achievement
- Broad Achievement

			Reading					Mathematics				Writing			Cross-Domain Clusters				
			Lectura	Lectura amplia	Destrezas básicas en lectura	Comprensión de lectura	Fluidez en la lectura	Matemáticas	Matemáticas amplias	Destrezas en cálculos matemáticos	Resolución de problemas matemáticos	Lenguaje escrito	Lenguaje escrito amplio	Expresión escrita	Destrezas académicas	Fluidez académica	Aplicaciones académicas	Aprovechamiento breve	Aprovechamiento amplio
Batería IV APROV Battery	APROV 1	Identificación de letras y palabras	■	■	■									■			■	■	
	APROV 2	Problemas aplicados						■	■		■						■	■	■
	APROV 3	Ortografía										■	■		■			■	■
	APROV 4	Comprensión de textos	■	■		■											■		■
	APROV 5	Cálculo						■	■	■					■				■
	APROV 6	Expresión de lenguaje escrito										■	■	■			■		■
	APROV 7	Análisis de palabras			■														
	APROV 8	Lectura oral					■												
	APROV 9	Fluidez en lectura de frases		■			■									■			■
	APROV 10	Fluidez en datos matemáticos							■	■						■			■
	APROV 11	Fluidez en escritura de frases											■	■		■			■
	APROV 12	Rememoración de lectura				■													
	APROV 13	Números matrices									■								

■ Tests required to create cluster listed.

Additional clusters can be obtained by administering tests from the Batería IV along with Spanish-language tests from the **WJ IV Tests of Oral Language**:

- Vocabulary
- Listening Comprehension
- Oral Language

Batería III APROV vs. Batería IV APROV Comparison

What's New in the Pruebas de aprovechamiento

- A single test book
- The elimination of audio-recorded tests
- New norms
- Online scoring
- Qualitative Observation checklists for Tests 1–11
- Data on peer-based comparisons
- Co-normed with Batería IV Pruebas de habilidades cognitivas

Four New Tests

- Lectura oral/Oral Reading
- Rememoración de lectura/Reading Recall
- Expresión de lenguaje escrito/Written Language Expression
- Numeros matrices/Number Matrices

Five New Clusters

- Lectura/Reading
- Fluidez en lectura/Reading Fluency
- Lenguaje escrito/Written Language
- Matematicas/Mathematics
- Aprovechamiento/Brief Achievement

Batería III APROV		Batería IV APROV	
TEST BATTERY (English)	TEST BATTERY (Spanish)	TEST BATTERY (English)	TEST BATTERY (Spanish)
1. Letter-Word Identification	1. Identificación de letras y palabras	1. Letter-Word Identification	1. Identificación de letras y palabras
2. Reading Fluency	2. Fluidez en la lectura	2. Applied Problems	2. Problemas aplicados
3. Story Recall	3. Rememoración de cuentos	3. Spelling	3. Ortografía
4. Understanding Directions	4. Comprensión de indicaciones	4. Passage Comprehension	4. Comprensión de textos
5. Calculation	5. Cálculo	5. Calculation	5. Cálculo
6. Math Fluency	6. Fluidez en matemáticas	6. Writing Samples	6. Expresión de lenguaje escrito (New)
7. Spelling	7. Ortografía	7. Word Attack	7. Análisis de palabras
8. Writing Fluency	8. Fluidez en la escritura	8. Oral Reading	8. Lectura oral (New)
9. Passage Comprehension	9. Comprensión de textos	9. Sentence Reading Fluency	9. Fluidez en lectura de frases
10. Applied Problems	10. Problemas aplicados	10. Math Facts Fluency	10. Fluidez en datos matemáticos
11. Writing Samples	11. Muestras de redacción	11. Sentence Writing Fluency	11. Fluidez en escritura de frases
12. Story Recall – Delayed	12. Memoria diferida – Rememoración de cuentos	12. Reading Recall	12. Rememoración de lectura (New)
13. Word Attack	13. Análisis de palabras	13. Number Matrices	13. Números matrices (New)
Extended Battery	14. Picture Vocabulary	14. Vocabulario sobre dibujos	
	15. Oral Comprehension	15. Comprensión oral	
	16. Editing	16. Corrección de textos	
	17. Reading Vocabulary	17. Vocabulario de lectura	
	18. Quantitative Concepts	18. Conceptos cuantitativos	
	19. Academic Knowledge	19. Conocimientos académicos	
	20. Spelling of Sounds	20. Análisis de sonidos	
	21. Sound Awareness	21. Discernimiento de sonidos	
	22. Punctuation and Capitalization	22. Puntuación y mayúsculas	



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