Woodcock-Johnson V
Tests of Cognitive Abilities

Description

The *Woodcock-Johnson V Tests of Cognitive Abilities* (WJ V COG) contains 20 tests. The Standard set contains 14 tests, which combine to form 12 clusters. The Extended set1 contains 6 tests.

Changes from the WJ IV COG to the WJ V COG

- Picture Recognition was removed and replaced with more complex measures of visual processing.
  - The Visual Processing (Gv) cluster is now comprised of both 2-D (Spatial Relations) and 3-D (Block Rotation) tests. A new Visual Working Memory test was added that assesses the ability to retain and
  - recall visual-spatial patterns while concurrently processing similar task-irrelevent distractor stimuli.

- Phonological Processing, from the WJ IV COG, was removed as a single test and two of its subtests were modified to allow practitioners to better independently evaluate phonological skills (Ga) and retrieval fluency (Gr) abilities.
  - Word Fluency has become a full-length WJ V COG test called Phonemic Word Retrieval (Gr).
  - Substitution has become a full-length WJ V VTL test called Sound Substitution (Ga).
  - Word Access was dropped from the WJ V.

- The Long-Term Retrieval (Glr) cluster was separated into Long-Term Storage (Gl) and Retrieval Fluency (Gr) broad ability clusters to reflect contemporary CHC theory.

- WJ V COG includes a more robust measurement of Fluid Reasoning (Gf) through the addition of a classic figural matrix inductive reasoning test and the reintroduction of the Gc/Gf Verbal Analogies test.

- The WJ IV Short-Term Working Memory (Gwm) cluster was renamed to Auditory Working Memory Capacity (Gwm) to reduce confusion regarding its interpretation.

- The WJ IV Pair Cancellation (Gs) test was replaced with the new Symbol Inhibition test, a speeded test designed to measure the executive functions of response inhibition and attentional control.

- The Cognitive Processing Speed (Gs) cluster is now composed of Number-Pattern Matching and Letter-Pattern Matching.

- The GIA is no longer a differentially weighted combination of CHC tests, but rather contains eight equally weighted test measuring seven broad CHC abilities

[1] Tests in the Extended set will become available throughout 2025

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Tests

Test Name	WJ V Tests of Cognitive Abilities
Oral Vocabulary* (Gc)	√
Matrices* (Gf)	NEW
Spatial Relations* (Gv)	√
Story Recall* (Gl)	√
Semantic Word Retrieval* (Gr)	√
Verbal Attention* (Gwm)	√
Number-Pattern Matching* (Gs)	√
Verbal Analogies* (Gc, Gf)	NEW
Analysis-Synthesis (Gf)	√
Block Rotation (Gv)	√
Story Comprehension1 (Gl)	NEW
Phonemic Word Retrieval (Gr)	√
Numbers Reversed (Gwm)	√
Letter-Pattern Matching (Gs)	√
General Information (Gc)	√
Concept Formation (Gf)	√
Number Series (Gq, Gf)	√
Visual-Auditory Learning (Gv, Gf)	√
Visual Working Memory (Gwm, Gv)	NEW
Symbol Inhibition (Gs)	NEW

Extended Tests (General Information through Symbol Inhibition)

Clusters

Cluster Name	WJ V Tests of Cognitive Abilities
General Intellectual Ability (GIA)	√
Brief Intellectual Ability (BIA)	√
Gf-Gc Composite	√
Comprehension-Knowledge (Gc)	√
Fluid Reasoning (Gf)	√
Auditory Working Memory Capacity (Gwm)	√
Cognitive Processing Speed (Gs)	√
Visual Processing (Gv)	√
Cognitive Efficiency (CE)	√
Retrieval Fluency (Gr)	NEW
Phonemic Retrieval Fluency (Gr)	NEW
Long-Term Storage (Gl)	NEW

* Contributes to the WJ V General Intellectual Ability (GIA) cluster
1 Story Comprehension is found in both the WJ V COG and in the WJ V ACH