Cognitive Evaluation: Wechsler Nonverbal Scale of Ability (WNV)

Overview
The Wechsler Nonverbal Scale of Ability (WNV; Wechsler & Naglieri, 2006) is an individually administered test of nonverbal intelligence for individuals ages 4 through 21 years. When language poses a barrier to typical administration, or if traditional intellectual assessment results are questionable due to language-related difficulties, the WNV is appropriate.

The WNV uses subtests to determine a full-scale measure of cognitive ability. The subtests yield a raw score that is converted to a \(t\)-score, allowing a student's performance to be compared to that of his or her peers. \(t\)-scores have a mean of 50 and a standard deviation of 10. The \(t\)-scores of the subtests are totaled and converted to a full-scale score that is a standard score, with a mean of 100 and a standard deviation of 15. The subtests consist of (a) Matrices, (b) Coding, (c) Spatial Span (a visual memory measure corresponding to the auditory task in Digit Span), (d) Spatial Span Forward, (e) Spatial Span Backwards, (f) Picture Arrangement, (g) Object Assembly, and (h) Recognition.

Table: Cognitive Evaluation: Wechsler Nonverbal Scale of Ability (WNV)

<table>
<thead>
<tr>
<th>Name of Tool/ Author (Year)</th>
<th>Age Range*</th>
<th>Method of Administration/Format</th>
<th>Approximate Time to Administer</th>
<th>Subscales</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wechsler Nonverbal Scales of Ability (WNV) Wechsler &amp; Naglieri (2006)</td>
<td>4–22</td>
<td>Individually administered, norm-referenced measure of nonverbal cognitive abilities; for use with individuals with language differences or diversity Yields (t)-scores, percentiles</td>
<td>Two-subtest battery: 15–20 min.; four-subtest battery: 45 min.</td>
<td>Subtest (t)-scores/percentiles: Matrices, Coding, Object Assembly, Recognition, Spatial Span, Picture Arrangement; Full Scale IQ</td>
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</tbody>
</table>

*In years except where noted


Research
NONE

References