


Have a relaxing Labor Day

Just a reminder not to wear white after Labor Day or Crocs, ever.

Subtests Part Deux

1

Symbol Search



Series of paired groups – target group and search group

Examinee indicates whether one of the target symbols appears in the search group and either marks the corresponding symbol or the “No” box

Time limit

Measures processing speed, short-term visual memory, visual-motor coordination, cognitive flexibility, visual discrimination, concentration, perceptual organization, planning, and learning ability

Part of **PSI** index, maps onto *Gs* factor of CHC

2

Symbol Search Administration

Need **Response Booklet 1**, pencil with no eraser, stopwatch

Examinee gets 120 seconds, begin timing after you say the last word of instruction

- What if I goof on the timing? Cancellation substitution! (if < 65 years)

Stop timing when examinee finishes all items or time expires

Demonstration items and sample items first (not timed)

Point while explaining task

Make sure they complete items in order

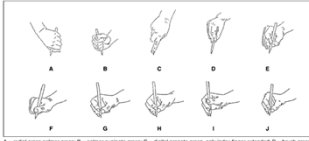
Don't start until you're sure they understand the task

3

Symbol Search (cont'd)

Behaviors to watch:

- How is the examinee's coordination with the pencil?
- How is their attention during this test?
- Do they check each row of symbols once or multiple times? Are they responding impulsively or reflectively?



A = lateral cross palm grip; B = palm support grip; C = digital pencil grip, ring index finger extended; D = thumb grip; E = grip with extended fingers; F = cross thumb grip; G = static tripod grip; H = four finger grip; I = lateral tripod grip; J = dynamic tripod grip

Pencil grip postures

4

Visual Puzzles

Examinee looks at a completed puzzle and has to choose 3 corresponding pieces that would create the completed puzzle

Visual-perceptual variation of old Object Assembly subtest

Measures visual perceptual abilities **without** a motor requirement, perceptual reasoning, cognitive flexibility, motivation, abstract thinking

On PRI

Maps onto Gv construct of CHC



5

Visual Puzzles Administration

Need **Stimulus Book 1** and **stopwatch**

Administer demonstration item, sample item, then Item 5 (unless suspected disability, then start with Item 1)

Reversal: if they don't get a perfect score on either Items 5 or 6, then reverse until you get 2 consecutive perfect scores

Discontinue after 3 consecutive 0 scores

Examinee gets 20 seconds to answer on Items 1-7, then 30 seconds for 8-26

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Visual Puzzles Administration (cont'd)

To maintain rapport, let examinee finish responding even if time expires (but don't give them credit)

Stop timing when examinee selects 3 options or says "IDK"

Be sure to point to completed puzzle then options

"You may have to turn a piece in your mind to make it fit the puzzle"

They have to say the numbers or point to the options

"You need to choose 3 pieces to make the puzzle"

If 10 seconds left to respond, say "Do you have an answer?"

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Visual Puzzles (cont'd)

Behaviors to observe:

- Do they **verbalize** while solving the problems?
- Do they move their heads rather than mentally rotating stimuli or try to touch the stimulus book? (this could indicate difficulties with the task)



8

Information

Orally presented questions that tap the examinee's knowledge of common events, objects, places, and people

Measures ability to acquire, retain, and retrieve general factual knowledge, crystallized intelligence, and LTM

VCI, Gc



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Information Administration

Start with Item 3 (unless suspected disability, then Item 1)
 Reverse if not a perfect score on Items 3 or 4, reverse until you get 2 consecutive perfect scores
 Discontinue after 3 consecutive 0 scores
 Be sure to query unclear or vague responses (*make note of specific queries on certain items)

Behaviors to observe:

- Do they miss early, easier items but succeed with more difficult items? This could mean anxiety, poor motivation, or retrieval difficulties

10

Coding

Examinee must use a key to copy symbols paired with a series of numbers within a specified time limit

Measures processing speed, short-term visual memory, anxiety, distractibility, motivation, persistence, visual-motor coordination, learning ability, visual perception, visual scanning, cognitive flexibility, and sequential processing

On PSI and Gs

11

Coding Administration

Requires **Response Booklet 1, stopwatch, and pencil without eraser**

Demonstration items, sample items, then test items

Discontinue after 120 seconds

Begin timing after saying the last word of instruction, and stop when examinee completes all items or when time limit is reached

Don't let them skip any

12

Letter-Number Sequencing

Series of orally presented sequences of letters and numbers that the examinee has to repeat back with the numbers in ascending order and the letters in alphabetical order

Measure of sequencing, mental manipulation, attention, short-term auditory memory, visuospatial imaging, and processing speed

On *WMI* and *Gsm*



13

LNS Administration

Demonstration and Sample Items

- Sample A demonstrates how to repeat numbers before letters, then Sample B teaches how to sequence numbers and letters

They still get credit if the letters are said before the numbers

Do not administer to those aged 70 or older (no norms)

No reversals, discontinue after scores of 0 on all 3 trials of an item

Rate of 1 letter or number/second

14

Figure Weights

Examinee views various pictures of scales with missing weights and selects the option that keeps the scale balanced

Requires cognitive flexibility, motivation, abstract thinking, persistence, quantitative reasoning, executive functioning

Measures *Gf*, PRI supplemental subtest



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Figure Weights Administration

Note: Do not administer to examinees aged 70+
Demonstration Items, Sample Item, then Item 4 (unless suspected disability)
Need Stimulus Booklet 2 and stopwatch
Examinees must point to response or say number of response
Reverse: if not perfect score on Items 4 or 5, reverse until you get 2 consecutive perfect scores

16

Figure Weights Administration (cont'd)

Discontinue after 3 consecutive scores of 0
Time limits: Items 1-12 = 20 s, Items 13+ = 40 s
If examinee doesn't respond **within 10 s of end time**, ask "do you have an answer?"
Don't forget to read all the directions verbatim on Item 16 ("Now you have to look at all 3 scales to find the right answer...")

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Figure Weights (cont'd)

- Behaviors to Note
- Verbalization when problem solving
 - Writing in the air (calculating math)
 - Do they touch the stimulus book?
 - Frustration, defensiveness
 - Patterns in errors
 - Spontaneous self corrections

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Next Week and Beyond

- Tuesday 9/12: Comprehension, Cancellation, Picture Completion, extra practice
- Quiz 4: Administration and scoring of subtests 9-12 (Information, Coding, Letter-Number Sequencing, Figure Weights)
 - **WAIS GA observations may begin!** Schedule a time with one of the GAs
- Tuesday 9/19: Scoring the WAIS
- Quiz 5: Administering 13-15 (Comprehension, Cancellation, Picture Completion) and scoring the WAIS (WAIS manual 43-62, WAIS Essentials Ch. 3 98-118)
- Tuesday 9/26: WAIS interpretation
- WAIS remediations should be complete
 - WAIS undergrad administrations in progress
 - The giving of the WIAT kits
