

It takes more than listening to connect.





Accurately Identify Auditory Processing

Developed by well-known and respected author Dr. Robert W. Keith, SCAN-3: C for Children and SCAN-3: A for Adolescents & Adults, helps you differentiate an auditory processing disorder from auditory attention and auditory comprehension problems. Use SCAN-3 results to develop strategies to help your clients manage auditory processing difficulties at school, work, home, and in the community.

SCAN-3 Features

- Co-normed battery of tests enables you to assess auditory processing and make test-to-test performance comparisons
- **New!** Includes screening, diagnostic, and supplementary tests
- Two new tests—Gap Detection and Time Compressed Sentences—address areas critical to APD assessment
- Continuous norming from ages 5:0 through 50:11
- Reliable and valid
- Manual addresses functional outcomes

Comparison Chart

SCAN-C & SCAN-A	SCAN-3: C & SCAN-3: A
5:0–11:11 (SCAN-C) 12:0–50:11 (SCAN-A)	5:0–50:11
Diagnostic tests only	Screening and diagnostic tests
4 Co-normed Subtests	9 Co-normed Tests
	NEW! Gap Detection
	NEW! Time Compressed Sentences
Competing Words tested in a directed ear task	NEW! Competing Words–Free Recall, in addition to Competing Words–Directed Ear
Competing Sentences: The examinee had to repeat the entire sentence to obtain a score of 1. Any change to the sentence resulted in a score of 0.	Competing Sentences: The examinee receives credit for the number of words he or she repeats correctly. The examinee can receive partial credit if one or more words are omitted or changed.
Auditory Figure Ground tested with one signal-to-noise ratio (+4dB)	Auditory Figure Ground tested with multiple signal-to-noise ratios (0dB, +8dB, +12dB)
	Continuous Norms

fy an ing Disorder

SCAN-3 is Easy to Administer and Score

- Administration directions and test stimuli are presented via CD
- Examinees hear words or sentences presented in background noise to simulate environments in which listening is difficult, such as listening to conversations at school, restaurants, or at sports events
- The stimuli for the filtered words tests are filtered in a way that degrades the signal to simulate real-life conditions such as talking on a cell phone
- Use the simple and objective scoring criteria to screen auditory processing skills needed or obtain comprehensive, diagnostic information

SCAN-3: C and SCAN-3: A Test Batteries Include:

Battery of Nine Co-normed Tests

- Filtered Words
- Auditory Figure–Ground: 0 dB signal-to-noise ratio
- Auditory Figure–Ground: +8 dB signal-to-noise ratio
- Auditory Figure–Ground: +12 dB signal-to-noise ratio
- Competing Words–Free Recall
- Competing Words–Directed Ear
- Competing Sentences
- Gap Detection
- Time Compressed Sentences

Screening Tests

- Gap Detection
- Auditory Figure Ground (signal-to-noise ratios of 0dB, +8dB, and +12dB)
- Competing Words–Free Recall

Diagnostic Tests

- Filtered Words
- Auditory Figure–Ground (signal-to-noise ratios of 0dB, +8dB, and +12dB)
- Competing Words–Directed Ear
- Competing Sentences

Overview

Age Range

SCAN-3: C, Children 5:0–12:11

SCAN-3: A, Individuals 13:0–50:11

Publication Date

2009

Qualification Level

B, Q1, Q2

Completion Time

Screening tests: 10–15 minutes

Diagnostic tests: 30–45 minutes

Administration

Paper-and-pencil and audio CD

Scores/Interpretation

Screening tests: norm-based criterion-referenced scores; Diagnostic tests: scaled scores, percentile ranks; Ear Advantage scores for all tests except Gap Detection

Scoring Options

Hand scoring

RTI Tiers

Screening: 1

Diagnostic: 2 and 3

Supplemental: 3

Materials

0158910206XA4	SCAN-3: C Children Complete Kit includes: Manual, CD, 25 Record Forms
0158910214XA4	SCAN-3: C Manual
0158910222XA4	SCAN-3: C CD
0158910230XA4	SCAN-3: C Record Forms (25)
0158910168XA4	SCAN-3: A Adolescents & Adult Complete Kit includes: Manual, CD, 25 Record Forms
0158910176XA4	SCAN-3: A Manual
0158910184XA4	SCAN-3: A CD
0158910192XA4	SCAN-3: A Record Forms (25)

Research Supports SCAN-3 Outcomes

Standardization

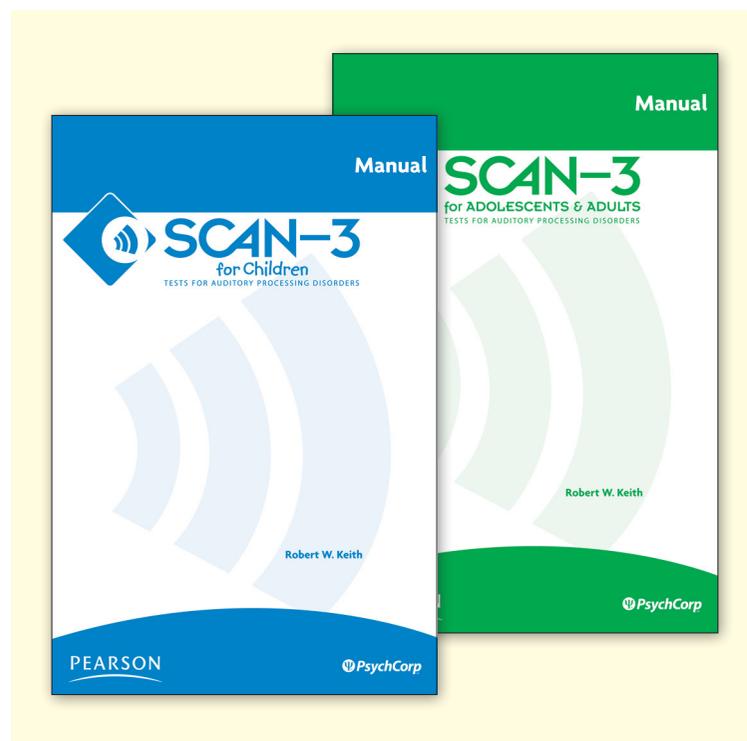
- Data collected from a sample of 775 examinees were used to develop SCAN-3 norms. There were 525 children in the SCAN-3: C sample and 250 adolescents and adults in the SCAN-3: A sample.
- The standardization edition of SCAN-3 was administered by 105 speech-language pathologists, and audiologists and school psychologists in 32 states.

Evidence of Reliability

- The average reliability coefficients of the Auditory Processing Composite (APC) are excellent: .91 for the Child edition and .93 for the Adolescents & Adult edition.
- Test-retest stability is .77 for SCAN-3: C and .78 for SCAN-3: A.
- Interscorer agreement for both tests is very high (.98).

Evidence of Validity

- Evidence of validity in the Examiner's Manual includes evidence based on test content, response processes, internal structure, and special group studies.
- A study of 40 children, ages 5.0–12:11 diagnosed with Auditory Processing Disorder (APD) was completed as part of the validation research for SCAN-3: C. A total of 61 adolescents and adults diagnosed with APD were tested to provide evidence of validity for SCAN-3: A.
- Each child in the APD group was matched to a control subject from the standardization sample based on age, parent education level, and race/ethnicity.
- Both studies provide evidence that SCAN-3 is a valid tool for identifying individuals with auditory processing disorders.



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