

What is Auditory Processing?

Symptoms of Poor Auditory Processing:

Age 4-6 Difficulties with Phonics

Age 6+ Low Reading Comprehension

Struggles in Following Directions

Short Attention Span

Challenges with Following Conversations

Improved Processing Levels Lead to:

Better Decision Making

Improved Reading Comprehension

Age Appropriate Social Skills, Conversations and Maturity

“Big Picture” Thinking

Longer Attention Span



Testing Auditory Processing

The purpose of testing is to discover the individual's current sequential processing ability. This is called a **baseline proficiency level**. Testing is administered one time for each person.

One level up from proficiency level is therapeutic level for that individual. The therapeutic level is where you will begin working after testing is completed to improve the auditory short-term memory.

Testing Process

Use the digit span test sheet (page 3) composed of random sequences of numerals 0-9. Within the test sheet there are four sequences for each level of 4 digits, four with 5, four with 6, four with 7 digits, and four with 8 digits.

This test measures the individual's ability to repeat a random sequence of digits in the same order given on the first try. The participant should be able to do three out of four sequences correctly at any given level to be considered proficient at this level.

If three sequences correct are achieved, move on to the next level and test. Continue testing until two sequences are missed at a particular level.

Use the testing technique described below to continue increasing the quantity of numerals (digits) given. While testing, the individual's response must contain the correct numerals, repeated in the SAME ORDER and on the FIRST TRY.

You should be able to clearly identify the proficiency level that was performed easily and comfortably. The next highest level is the therapeutic level, which is where you target in sessions daily to increase the auditory processing level.

Testing Technique

Tell the individual that you are going to say some numbers and you want the numbers repeated back to you, but only after the full sequence has been spoken.

Demonstrate with a low sequence of three numbers. Example – “I say “4..., 9..., 3..., then you say the numbers that you heard.”

(Timing is important. The series of dots between the numbers means to pause before speaking the next number. You might say “thousand” to yourself silently between each number.)

The correct response is to say the numbers in the exact order they were said. Incorrect response is to mix any of the sequence up or miss even one digit. Make note of any incorrect responses. There must be three out of four correct responses on any given level of sequences to continue testing.

When an individual misses two on a level, the test is over. You have determined the individual’s proficiency level for auditory processing.

Testing Number Sequences

6...1...8...3	5...3...9...2	8...0...7...4	7...2...6...1
8...0...6...9...2	4...1...5...2...9	5...3...1...6...8	6...2...7...0...3
4...7...0...5...1...8	8...2...7...4...3...9	5...9...7...4...3...1	9...7...3...4...5...2
7341526	2406538	6952407	8372694
37451962	25071693	62739084	87315426

Here is what you are looking for:

A four-year old should be able to do 4 digits; a five-year old should do 5; a six-year old, 6.

For anyone 7 years of age and older, the minimum of 7 digits is desired for typical human function.

A processing level of 8 is foundational for higher vocabulary in conversational language.

Moving into accelerated levels of 9 or more makes college pursuits and organization a gift that lasts a lifetime. The skill of holding many pieces of auditory information together benefits conversations (staying on topic and picking up nuances), following directions, staying on task, creative writing ability and seeing the big picture beyond here and now.

Through neurodevelopment training sessions there is hope and help for individuals with low auditory processing. There are also huge benefits for those with typical processing to become advanced in auditory processing.

The brain changes with opportunity, so the more an individual stimulates the auditory language center (words without music) the better the processing becomes.

Email info@beginagaininternational.com or visit www.beginagaininternational.com to learn more about neurodevelopment. Additional training on the testing process is available. By practicing twice a day for two minutes, you should expect one-half to a full year of improvement (going up one level in proficiency).

You are ready to soar!

Stephanie Anderson

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Begin Again Neurodevelopment Coaching