

LITTLE GIANT STEPS



# Auditory Processing Test Kit

## *Symptoms of Poor Auditory Processing:*

- Difficulties with Phonics
- Low Reading Comprehension
- Inability to Following Directions
- Poor "Big Picture" Thinking
- Challenges with Conversation Abilities
- Short Attention Span
- Bad Behavior



## Improved Processing Levels Lead to:

- Age Appropriate Maturity
- Better Decision Making Skills
- Improved Social Skills
- Improved Reading Comprehension
- Longer Attention Span
- Increased Ability to Read  
Phonetically

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Neurodevelopmental  
Innovations

# Auditory Processing Test Kit

The purpose of testing is to discover the individual's current auditory sequential processing ability, which is called the *proficiency level*. Testing is a unique process and is only administered one time for each person. One level up from the proficiency level is the *therapeutic level* for that individual. The therapeutic level is where you will begin working after testing is completed to improve the individual's auditory short-term memory.

## Testing Process

Use the digit span sequences included on the next page. Digit spans are composed of random digits (numerals 0-9). There are four sequences for each level, i.e. four sequences with 4 digits, four with 5 digits, ... up to 8 digits. This test measures the individual's ability to repeat a random sequence of digits in the same order given orally and on the **first try**. The individual should be able to do three out of four sequences correct to be considered proficient at any given level. If this is achieved, move to the next level and test that level. Use the Basic Technique described on the opposing column and continue increasing the quantity of digits given. While testing, the individual's response must be correct (repeated in the same order and on the first try). The test administrator should be able to clearly identify the individual's proficiency level, which is the level at which he/she completes three of the four sequences correctly, easily and comfortably. The next highest level is the individual's *therapeutic level*. This is the level in which the individual's ability begins to break down.

## Basic Testing Technique

Tell the individual that you are going to say some numbers and you want him/her to repeat them back to you in the same order. Use the number sequences given in the grid. The test administrator says,

"1...7...4...8". (When you see a series of dots like this "...", you must pause before speaking the next number in the sequence. Say, "thousand" quickly to yourself between each number to create the appropriate space in time.) If the individual responds by saying, "1,7,4,8" in the same order that was said, that is a correct response. If the individual responds incorrectly (numbers out of order, leaving out numbers or not able to respond), make a note of it. There have to be three out of four correct responses on any given row. When the individual misses two sequences in any one row, the test is over. You have now determined the auditory sequential processing level or their *proficiency level*. Example: the client correctly repeated 3 out of 4 sequences with five digits but missed 2 sequences when six digits were given. Five is the proficiency level. You will start working on 6 digit sequences in order to improve the client's auditory short-term memory.

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# Auditory Processing Test Numbers

<b>4271</b>	<b>9362</b>	<b>5816</b>	<b>7204</b>
<b>06289</b>	<b>29541</b>	<b>10546</b>	<b>80673</b>
<b>371594</b>	<b>847293</b>	<b>574913</b>	<b>473915</b>
<b>5741263</b>	<b>1504683</b>	<b>7583604</b>	<b>9462837</b>
<b>47319526</b>	<b>71392506</b>	<b>84092637</b>	<b>26483751</b>

## Results

## Increase Processing Levels

A four year old should be able to do 4 digits. A five year old should do 5, a six year old 6, and children 7 years old should be able to do 7 digits. For anyone older than seven the minimum is 7 digits. Moving into accelerated levels of 8 or more will make college pursuits easier and will be a gift that lasts a lifetime. This skill of holding many pieces of auditory information together benefits conversations (staying on topic), following directions and seeing the big picture as you go through life.

You now have the therapeutic level from your testing—one digit above what the individual can easily do on the first try!

The good news is that there is hope and help for individuals with low auditory processing. It does take consistent effort but the more an individual does auditory processing games, the better the processing becomes. Start daily practice sessions for two minutes twice a day. Be very encouraging during this time. It is difficult to process at a higher level but it will get easier with time and practice. By practicing twice a day for two minutes, you should expect one half to a full year of improvement in processing ability in only four months! You will be amazed at how many are as positively affected by this newly formed skill. Always remember, it takes good INPUT to the brain to get the results you are looking for – good OUTPUT!

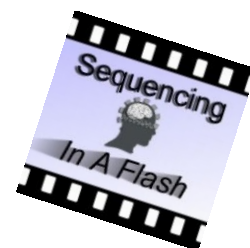


# Start Here for Auditory Processing Help!



The booklet entitled, "[The Best Kept Secret in Education: Auditory Processing](#)," helps the reader understand more about auditory processing and describes several auditory activities that are helpful for individuals that need to increase their auditory processing abilities. This short book is available on the Little Giant Steps store for \$13.00.

We recommend working with [Digit Span Decks](#) to raise auditory processing levels. There are 125 cards in each deck with a different sequence of numbers on each card. This activity requires a large variety of cards because if only a few cards are used, parts of the sequences would be memorized quickly and the individual wouldn't be working at an accurate higher level. Order cards that are one and two digits above where the individual tested or order both the A and B decks of the same level. *For example: the individual tested at 5 so order 6A and 6B or 6's and 7's either A or B decks.* At first the individual may need several tries on the same card to be able to get the next level correct. With practice this will move from 3 tries to 2 tries to 1 try. Getting all of the digits correct on the first try 75% of the time equals one year of progress! The minimum goal is to process at least 7 digits by the age of 7 and up. For college-level material, retention of at least 9 digits is recommended. Little Giant Steps has decks available up to 12 digits. Each of these decks are available on the Little Giant Steps store for \$8.00 each.



"[Sequencing in a Flash](#)" is the auditory and visual processing computer game. Playing these games for just a few minutes each day will increase auditory processing in a few months. Our suggestion: Do one session a day using the Digit Span Decks for both auditory and visual processing and then do one session using the *Sequencing in a Flash* computer software. [Sequencing in a Flash](#) is sold for \$34.95 on the Little Giant Steps Store.



Listening to stories on CD (*without looking at the book*) is another great way to increase auditory processing. See the CD section on our website for [Be Positive](#), [Info to Know!](#), and "[Axel Galench](#)."



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