



Links To Learning
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TAVS Assessment Tool Training

This is a comprehensive course for professionals to become qualified in the administration of the Test of Auditory and Visual Skills (TAVS); including lecture, independent study, and hands-on practical experience. You will acquire the knowledge you need to begin using this exciting tool for screening auditory and visual processing.

Further, you will understand the individual elements that make up strong auditory processing skills and be able to use TAVS to assess them. These areas such as temporal processing, pitch perception, gap detection and beat competency are known to be vital for strong listening, language development, reading and rhythm awareness.

Upon successful completion of this course, learners are authorized to administer TAVS, a versatile screening tool for ages 5 which is ideal for use with The Listening Program, inTime, and other interventions that seek to improve fundamental sensory processing skills.

Learning Objectives and Outcomes:



- Review and understand auditory processing terms, screening areas, and relate them to functional skills.
- Understand the scientific basis for testing the 12 areas offered by TAVS.
- Hands-on experience with in the use of the TAVS device, prompt cards, user guide, and record sheet.
- Demonstrate competence in the administration of the pretest, quick and full screening, adjusting screening parameters, recording and interpreting results.
- ✦ Implement the TAVS assessment which children and adults.



Equipment Requirement:

- TAVS device and headphones.
- User guide and record sheets.
 - Prompt cards

Additional TAVS systems can be purchased separately, but only by TAVS Certified Providers.

If you work in a facility that has a TAVS device available for your use during the course you may register for the course only, excluding the TAVS system.

Completion Requirements:

- Complete all training modules.
- Receive a passing score of 80% or higher on course exam.

After learners have satisfactorily completed the course, they may use the designation "TAVS Certified Provider" or "Certified Provider of TAVS."

TAVS is a unique tool for assessing many subtle areas of auditory processing. Screening areas that are important for listening, reading and attention skills can help to understand the challenges that many children and adults may be having within the classroom, at work, at home or in social situations.

Many children who struggle academically are offered catch up phonics, literacy and numeracy programmes without considering that the delays in learning may be more fundamental in nature than a simple lack of experience and practise.

Underpinning the ability to read, listen, concentrate and communicate is the ability to take in and process auditory and visual information.

The testing of areas such as temporal processing, pitch perception, gap detection and others are vital to understanding at what level a child is delayed. This information can guide a teacher or therapist to know exactly what level of intervention or remediation is needed to ensure the quickest progress for the child.

TAVS offers a powerful way to assess many areas of low level visual and auditory processing to know whether sensory processing is impaired and if it is suitable to solely focus an intervention upon more cognitive levels of function

- **Temporal Order** processing. This has been shown to have close links to reading ability, speech and phonological awareness and across visual, auditory and tactile domains, Laasonen et al, (2001). Children and adults with TO results outside the expected norms may well be at risk of poor speech development and phonological awareness, poor reading abilities, challenges with sequencing of information and short-term memory deficits.

- **Fusion Threshold:** is a measure of temporal resolution. Temporal resolution refers to the auditory system's ability to follow rapid changes in the envelope of sound. This is a key factor in processing sound across time. Challenges with temporal resolution have been shown to correlate with reading and language development difficulties. The use of the test for auditory/visual fusion threshold can help to understand the relative strengths of the visual and auditory systems and whether they support each other to improve temporal processing or interact to reduce capabilities.
- **Auditory Motor:** subtest assesses the ability to perceive a steady beat and match the beat. Children and adults who have challenges with keeping to an external steady beat will often have difficulties in areas of literacy, language and phonological awareness. These are not explained by any motor difficulty. Thomson and Goswami (2008) found that “Children who were particularly inconsistent in tapping to a particular rate showed the poorest literacy and phonological development.
- **Pitch Discrimination:** is seen to be an important factor that is correlated with phonemic awareness. Loui et al. (2011). Therefore, values outside normal ranges in this subtest would indicate challenges with listening and literacy development due to phonological awareness deficits.
- **Duration Patterns** Strong levels of auditory processing require us to be able to process the length of tones as well as pitch changes. In language, as in the natural world, tones can differ in length as well as pitch and therefore results outside expected ranges for these subtests can indicate difficulties with phonological processing.
- **Noisegap:** This subtest is a further test of temporal resolution. Gap in noise tests are used as part of a measure of central auditory function. As a further measure of temporal resolution, results from the Noisegap subtest will be an indication of difficulties in auditory processing. As Shinn et al observe, “Accurate processing of the timing elements of sound is crucial to the most basic processing at the neuronal level to complex higher-level speech perception and spoken language processing”.
- **Directional Hearing:** Sound localization is possible because there are tiny differences in volume and timing in directional sound entering the left and right ear. Results obtained that are in the unusual or significant ranges according to the current norms provided by Tewes indicate a challenge with the timing of auditory signals being processed in the brain stem. Sound localization and lateralization are seen as a fundamental component of auditory processing difficulties as it involves the processing of volume and timing differences between the two ears.
- **Sequence Order:** The sequence order subtest gives a tone and a click and asks us to answer, “which came first?” The tone and click seek to replicate the effect of vowels and consonants in language. Backward and forward masking occurs as is natural when phonemes are blended within language. The click generated by the TAVS is only 1msec long; however, the pause also belongs to the click. This is the threshold measured in milliseconds that is used to score the result in this subtest. This corresponds to the voice onset time (VOT) and voice offset time which is the silent transference phase from consonant to vowel and vowel to consonant. A result well outside the mean ranges would therefore indicate a challenge with phonological blending, segmentation and perhaps gap detection. This would correlate with difficulties with listening, language and literacy challenges.

- **Crossmodality:** Most testing measures available will only assess one sensory system at a time. It is, of course, important to be able to assess either auditory function or visual function. However, in daily life we use a combination of senses with which to interact with the world. Therefore, testing how the visual and auditory systems combine to give us a single integrated appreciation of our environment, can give us vital information about the subject completing the test. The crossmodality test is a measure of the temporal integration between the visual and auditory systems. By alternating between visual and auditory stimulus it is possible to assess which sensory mode is the most dominant when attention is divided between the two sensory systems.

TAVS - \$795 including device

Web-based Certification Course also available! It is a self-paced 7-hour course (access for 90 days) to help you understand how to use TAVS to assess the individual elements that make up strong auditory and visual processing skills. Wouldn't it be great to have TAVS in your practice to help you detect these skills with a quick screening?

REGISTRATION FORM

Full Name: _____ Today's Date: _____

Email Address: _____

Business or Site Name: _____

Address: _____

City: _____ State: _____ Post code _____ Phone _____.

Profession or Degree:

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| <input type="checkbox"/> Speech & Language Pathologist <input type="checkbox"/> Counsellor <input type="checkbox"/> Sound Therapist <input type="checkbox"/> Audiologist <input type="checkbox"/> Psychologist <input type="checkbox"/> Music Therapist <input type="checkbox"/> Occupational Therapist <input type="checkbox"/> Behavioural Specialist <input type="checkbox"/> Music Instructor <input type="checkbox"/> Physical Therapist <input type="checkbox"/> Child Development Specialist <input type="checkbox"/> Physician <input type="checkbox"/> Teacher <input type="checkbox"/> Neurofeedback Therapist <input type="checkbox"/> Other |
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If you do not meet the pre-requisites, certain exceptions are made on an individual basis for those who can demonstrate equivalent experience. In this situation, please email Tracey Butler tracey@links2learning.com.au or call us 07 3899 9782. International callers please phone +61 7 3899 9782

Payment Details

TAVS LIVE TRAINING

Live Training with device - \$795 - Less \$30 Early Bird if paid 30 days prior to any course

Live Training only - \$281.00 - Less \$30 Early Bird if paid 30 days prior to any course

If registering more than one person, please provide their details as well– and advise us it’s a group booking (3 or more)

COURSE/S REGISTERING FOR :

Please make payment by direct deposit or credit card:

- Direct Transfer Links To Learning BSB: 064-103 ACC # 1030-3017
- Mastercard
- Visa

Card Number:

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AMOUNT \$ _____ SIGNATURE _____

Cancellation Policy

Certification Course Start-up and 2 Day Intensive

Cancellations must be made in writing. Pre-paid registration, refundable less \$100.00. No refunds will be made less than two weeks prior to a selected training course. Links To Learning reserves the right to cancel any training course with due cause and a full refund will be made on any paid registration, or the opportunity to complete training as web based option.

Transfer Policy

Transfer requests will be considered if received in writing no later than four weeks prior to the registered event. If the transfer request is granted, the registrant must pay the \$75 transfer fee plus the difference between the event costs, if any. In addition, the event transfer must occur within the same calendar year as the original registered event. Multiple transfers are not allowed.

Minimum Course Pre-requisites

By registering for a training course, you agree and certify that you meet the pre-requisites of being a qualified professional with a minimum of a Bachelor's or Master's Degree in a health, therapeutic, education or music field. You understand that if you do not meet the minimum requirements that ABT has outlined, ABT has the right to revoke your certification and a refund will not apply.

Contact the Office 07 3899 9782 to Register and Gain Access