

# DOWNLOAD PDF CONTRASTS: THE USE OF MINIMAL PAIRS IN ARTICULATION TRAINING

## Chapter 1 : Effectiveness of Minimal Pair Contrast Therapy in Children w by Hannah Ritchie on Prezi

*Contrasts: The use of minimal pairs in articulation training clinician manual by Mary Elbert. Published by Exceptional Resources. Written in English.*

Use Minimal Pairs Academy to help your student or child develop listening and discrimination skills and have fun practicing producing target words at the word and phrase level. Minimal Pairs Academy uses linguistically based treatment procedures that have been reported in the literature to be effective when treating children with multiple sound disorders. Phonological processes are the patterns that children use to simplify adult speech. The conventional minimal pair model of treatment is pairing a sound that is produced in error by a child with its corresponding substitute, which has been reported clinically effective Barlow and Gierut, Adding a player Creating players on Minimal Pairs Academy is fast and straightforward. A new window will appear. A new menu will appear. Then select one or more activities from the grey colored buttons along the bottom. The buttons will change from grey to blue to indicate your selections. Your player is saved and you will be brought to the player menu. TRC is a great time saving tool as if you enter the players in that app you are able to export them to almost all Smarty Ears apps. This will bring you to the players menu. Then double tap on the picture of the student that you wish to edit. This will bring up the basic player info. To delete the player select delete in the top right corner. Also from this screen you can edit any of the players info by typing in the selecting the boxes you wish to change and typing in new info.! Settings Minimal pairs Academy offers great flexibility within the settings in order to better serve each individual players needs. This will bring up a new menu that allows you to deselect any individual exercises that you may find too difficult for your particular player. Please note you must keep at least 9 exercises on each target as this is necessary for each activity. Select anywhere between 1 and 4 players by touching their pictures. The game will begin. Gameplay The players are lined up vertically on the left. The players are lined up with the top player being the one whose turn it currently is and each player below having to wait for the players above before it is their turn. Pressing the grey arrow on the right progresses to the next question and the next player the players pictures will rotate upwards. The record button in the top left allows the player to record and playback their voice practicing the target. The app will move the students as they have their turn. The app follows the Cycles Approach which is an Evidence Based Practice those three little words we love approach to articulation and phonological remediation. This means that if you select, say three processes for your student to work on, those will be cycled with each session. On Monday the student will work on process 1, Tuesday the student will work on process 2, and so on.

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## Chapter 2 : Contrasts for Auditory and Speech Training (CAST) By David J. Ertmer

*Note: Citations are based on reference standards. However, formatting rules can vary widely between applications and fields of interest or study. The specific requirements or preferences of your reviewing publisher, classroom teacher, institution or organization should be applied.*

It was developed by speech-language pathologists to target phonological disorders in children, pre-Kindergarten through 6th grade. The app includes three types of drills: Each drill offers a choice of words within a phonological process. Word lists can be edited for each session. Students are presented with illustrations during each session and asked to say what they see. Automatically records client performance for each session. Appropriate for English speaking children; pre-school through sixth grade. Images depicting words to facilitate discrimination and accurate production of speech sounds. Three practice formats include: Progress monitoring in client history tracks improvement and allows users to observe improvement over multiple sessions. App gives the therapist maximum control of each session. All buttons are oriented near the therapist and away from the child. Free version provides full functionality for Cluster Reduction - one of the eight processes - allowing you to fully test out the application and decide to purchase the remaining seven processes. Minimal pair contrast words have been used in articulation intervention for many years Fairbanks, Minimal pairs are word pairs that differ by only one phoneme e. They further demonstrate that a word with a substituted phoneme forms a different word with a different meaning. Treatment using minimal pairs is based upon communication breakdown when an incorrect word is produced secondary to a substitution, thereby interrupting the activity or game until the accurate phoneme and word are produced Weiner, Research and theory to practice. I like that i have the most control with the app and that the kiddos cannot chage screens of pictures easily. Plan on purchasing full app. The fast pace of the carryover phase is great and the kids love it! Love the fact that REAL words are used. It has excellent data recording capability and can be used with multiple students. I particularly like that it shows the correct vs. Incorrect items for each student. I would love to see them add place shifts th and s, f and th, s and sh, etc.

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## Chapter 3 : SCIP - Sound Contrasts in Phonology - EBS Healthcare

*Minimal pairs theory is a linguistic approach to speech intervention that emphasizes the role of the phoneme (speech sound) in language. The minimal pair method focuses on contrastive differences between phonemes.*

But working with preschoolers, I do have a lot of hands on experience and clinical knowledge and I have gone back and refreshed my memory a bit so I could write this. If you wish to read more about the different approaches, I encourage you to do your own research and reading. Also this is not an exhaustive list by any means. These refer to the articulatory and acoustic properties of the sounds phonemes in our language. If you are as SLP, the terms voice, place and manner should sound familiar to you, no? This is what we are taking about. Some sounds are voiced, while others are not. Some sounds require the tongue to move high and back and other sounds require the tongue to be in the front of the mouth. Some sounds require sustained airflow while other sounds are produced by actually stopping the airflow. Phonological interventions that use distinctive features as a framework for therapy utilize these distinctive feature patterns to determine the targets for therapy. As a child is learning how to speak English, he will simplify sounds and sound patterns. What are contrastive targets? This means that the intervention targets are contrasted with other non target or target.

**Minimal Pairs Therapy** This method was developed for children with mild-moderate phonological delays. Minimal pairs are words that differ by only ONE phoneme one phonetic feature in the same position of the word. Typically in minimal pair therapy, you contrast the target sound with the erred sound or omission if the child omits the sound. You want the child to understand that when they say the sound incorrectly, it actually changes the words meaning.

**Maximal Opposition Therapy** This treatment method was developed by Judith Gierut and colleagues at Indiana University and was developed for children with highly unintelligible speech moderate to severe phonological delays. Rather than use contrasts that differ by just one phonetic feature like in minimal pairs this method tries to contrast words that differ by many maximally distinctive features. It is based on the theory that targeting more complex phonemes will result in the greatest change in the entire phonological system.

**Multiple Opposition Therapy** This therapy was developed by Dr. Lynn Williams and is intended again for children with highly unintelligible speech. It is kinda like a hybrid of the two methods above but with its own twists. In this intervention several targets are contrasted at once with the erred sound. This particular method is aimed at children who have a phoneme collapse. What is a phoneme collapse? When a child is using one phoneme as a substitution for MANY different sounds. These are the kids that seem to use only a few phonemes at all. In this therapy method, two target sounds are targeted at the same time and are contrasted, rather than one sound targeted and contrasted with the error sound as in the maximal oppositions approach.

**Paden** and was developed for use with highly unintelligible children. This therapy is based on the theory of how children naturally acquire their phonologic systemâ€”in a gradual and cyclic fashionâ€”. Like the other phonological approaches described above, this approach also uses whole words to target the phonological system but unlike the methods above, this method does not use contrasting pairs. Rather, around 5 target words are chosen and drilled for 60 minute intervals to target the error patterns phonological processes that are causing the child to be unintelligible. In this method, the use of auditory bombardment is emphasized and targets are worked on for a set time period rather than until a set criterion has been reached.

**Metaphon Approach** I must confess I know nothing about this approach. Caroline Bowen explains this therapy better than I could. Feature contrasts are usually minimal or near-minimal. Want to learn more? So Which One is Best? My personal opinion is that there is no one-size-fits-all approach and that rather there may be some approaches that work better for some children. There is consensus among SLPs that treatments for speech-sound disorders are successful. One of their observations was that comparative studies are generally lacking. A great need exists for a large, well-designed controlled experimental study comparing outcomes of various interventions for children with highly unintelligible speech. The number of participants in each treatment group needs to be large because of the heterogeneity of clients with speech-sound disorders e.

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Ideally, this study should be conducted by investigators independent of the individuals who created these approaches to minimize actual bias or even the appearance of bias. It is critical, however, that the approach creators be consultants for purposes of fidelity. More research is needed. What Do I Use? I mostly uses Cycles and Minimal pairs.

## Chapter 4 : Phonological Delays: Treatment Methods - Playing With Words

1) Do not HAVE SOUND, ARE NOT STIMULABLE 2) Produce it but cannot produce it on demand 3) CANNOT perceive SOUND in MINIMAL PAIRS (2 words same except 1 sound) 4) DO not USE SOUND in particular CONTEXT or POSITION 5) PRODUCE sound ON DEMAND but do not incorporate it into SYLLABIC UNITS.

## Chapter 5 : + Minimal Pairs for Speech Therapy Practice

Start studying Articulation and Phonology chapters 6, 8, 9, and 10 (Exam 2). Learn vocabulary, terms, and more with flashcards, games, and other study tools.

## Chapter 6 : Maximal Pairs | The Speech Clinic

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## Chapter 7 : Minimal Pairs Academy “Smarty Ears

*Minimal Oppositions Contrast Therapy: also known as "minimal pairs" therapy, uses pairs of words that differ by only one phoneme or single feature signaling a change in meaning, in an effort to establish contrasts not present in the child's phonological system.*

## Chapter 8 : Minimal Pairs Intervention by Mackenzie Heath on Prezi

*Contrasts for Auditory & Speech Training (CAST) provides speech-language pathologists, audiologists, and teachers of the hearing-impaired with ready access to pictures for formal listening practice with children three to twelve years of age.*

## Chapter 9 : LinguSystems Phonology Cards App By LinguSystems

*SLPs use minimal pairs all the time when working with students with phonological and articulation disorders. Minimal pairs can be very effective in helping children hear their own errors, and can help them understand that sound errors affect the meaning of what they say. So, what is a maximal pair? Maximal pairs are simply minimal pairs with a twist.*