

What is Central Auditory Processing Disorder?



CAPD is a processing disorder that causes speech to fade or totally drop out when environmental noise is present.

Signs of CAPD

- 1. Poor attention skills
- 2. Balance issues
- 3. Unable to follow directions
- 4. Lack social skills / few friends
- 5. Poor spelling
- 6. Unusual responses to loud noises (fire alarm)
- 7. Cannot do other tasks while listening
- 8. May turn one ear towards listener

Surprising Thing About CAPD



- 1. Articulation may be close to normal
- 2. May hear music/noise at level above typical
- 3. Is usually NOT detected by normal hearing test!

Formal Diagnosis

> Physicians, speech therapist, school psychologist and teachers may all be involved in assessment

- Assessment may include:
 Complete Audiological Battery

 - (C)APD Battery (age 7.5)
 - Listening Inventory
 - Electrophysiological Measures (Auditory Brain Stem Responses)
 - Additional measures:
 - -speech-language exams
 - -behavioral measures (ADHD)



The Vision-Hearing Connection

McGurk Effect



Look & Listen: Sound <u>Off</u>:

Eyes Closed:

Da - Da - Da - Da

Ga – Ga – Ga – Ga

Ba - Ba - Ba -Ba

http://www.youtube.com/watch?v=PX9FYxadPoQ

Strategies for students with C.A.P.D.



Maria Sargent/www.neuro-teach.com

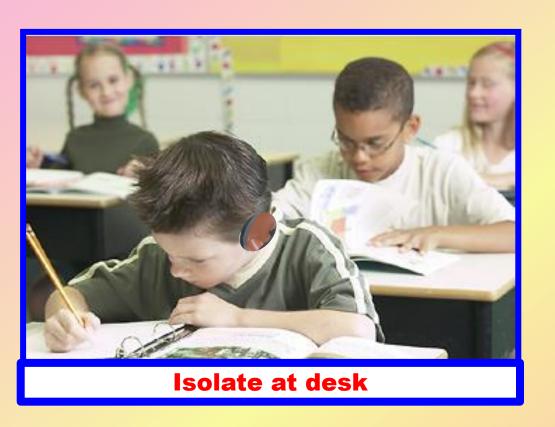
1. Environmental Adjustments

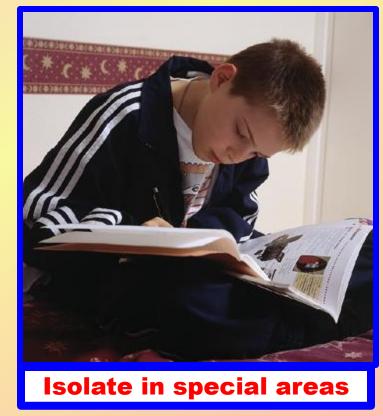






2. Student Assistance





3. Compensation Strategies







4. Deficit Training Strategies



http://www.earobics.com

- home version
- different ages
- no license
- widely used
- less individualized



http://www.scilearn.com

- different ages and settings
- must be licensed
- often used for reading
- totally individualized

Resources

www.NCAPD.org

(The National Coalition on Auditory Processing Disorders, Inc. N(C)APD)

<u>http://www.exploratorium.edu/exhibits/ladle/index.html</u>
(Simulation, that while not originally designed for CAPD, illustrates the condition well.)

http://www.ncld.org/types-learning-disabilities/adhd-related-issues/auditory-processing-disorders/auditory-processing-disorders

(National Center for Learning Disabilities; resources on other disabilities too)

http://www.techteachers.com/capd.htm

(Nice page with a list of resources for you.)

http://www.capdsupport.org/Resources/

(Casual page with resources, personal cases and other information)

http://www.ldonline.org/article/5919/

(Provides resources on this condition plus other conditions that causing learning disabilities)

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