Deafblindness or Combined Vision and Hearing Loss

DEFINITION
Deafblindness disability means concomitant hearing and visual impairments, the combination of which causes such severe communication and other developmental and educational needs that they cannot be accommodated in special education programs solely for children with deafness or children with blindness. Note: Multiple Disabilities does not include deafblindness. 34 CFR300.8(c)(2)

FURTHER EXPLANATION
Although the term deafblind implies a complete absence of hearing and sight, in reality, it refers to children with varying degrees of vision and hearing losses. The key feature of deafblindness is that the combination of losses limits access to auditory and visual information. Children under this disability category are singled out educationally because impairments of sight and hearing require thoughtful and unique educational approaches in order to ensure that children with this disability have the opportunity to reach their full potential. More than 90% of children with deafblindness have one or more additional disabilities or health problems and some may be identified as having multiple disabilities rather than deafblindness. In these cases, it is important for team members to recognize and address the need for services for vision and hearing impairment.

INCIDENCE
Over 10,000 children between the ages of birth through 22 have been identified as deafblind in the United States. Annually, the WV Sensibilities census reports between 110 and 125 children and youth, birth to 22, with combined vision and hearing losses. With this data, it is important to realize that throughout the professional career of a teacher they may only experience teaching a student with deafblindness once or twice in their career.

EDUCATIONAL IMPLICATIONS
Children with deafblindness require teaching methods that are different from those for children who have only hearing or vision loss. When both vision and hearing are affected, especially from birth or early life, natural opportunities to learn, develop concepts and communicate can be severely limited. It is critical for educators to have access to training and support for the assessment and education of children and youth who are deafblind.

These children often have large teams which include special educators, PTs, OTs, SLPs, TVIs, D/HHs, interveners, aides, and paraprofessionals. With the complexity of the educational needs of the learner, it is imperative that the team have training specific to the dual sensory needs, a system of communication throughout the school year for consistency.

Assessment of these students is critical and can be challenging. There are few professional standards to go by. Most psychological tests are inappropriate because they have been developed for students with normal vision and hearing. Often, communication barriers exist and the psychologists cannot reliably determine the student’s cognitive, social, and functional capabilities. Information should be gathered using a combination of techniques including interviews with people who know the child, informal and structured observations, and specialized tools.

An intervener is a person who works consistently one-to-one with an individual who is deafblind and has training and specialized skills in deafblindness. An intervener provides a bridge to the world for the student who is deafblind. The intervener helps the student gather information, learn concepts and skills, develop communication and language, and establish relationships that lead to greater independence.

TEACHING TIPS/INSTRUCTIONAL STRATEGIES
Deafblindness is a disability of access. This includes access to the world beyond the limited reach of his or her eyes, ears, and fingertips. The child must be presented with information that others would receive incidentally and effortlessly. If not, the child will be isolated and will not have the opportunity to grow and to learn. If they are exposed to this information in a way that is meaningful for them, the student will be afforded the opportunity to develop to their fullest potential.

Communication and language diagnostics and interventions for a student with deafblindness must be broken into receptive and expressive modes. A student...
may use multiple means of receiving information and giving information. Communication options should be designed specifically for the student and may include touch cues, object symbols, sign language, gestures, picture symbols, braille, large print and others, all individualized based on sensory access.

Concepts (the ideas that give meaning to our world) must be intentionally taught to a child with deafblindness. Concepts build upon one another. The more ideas and memories that a child has about the way the world and relationships work the easier it is to develop further ideas.

The use of consistent routines and the inclusion of calendar systems for structuring the child’s day, week, or event are necessary best practices in working with a student with deafblindness.

RESOURCES

- National Center on Deaf-Blindness (NCDB)  
  www.nationaldb.org
- Design to Learn http://www.designtolearn.com/ 
  Perkins School for the Blind  
  http://www.perkins.org/resources/
- Communication Matrix  
  http://www.communicationmatrix.org/
- WV Sense Abilities Project  
  http://wvde.state.wv.us/osp/deafblindresources.html
- Intervener.org  
  http://intervener.org/