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TASK COMMITTEE MEMBERS

The Bureau of Special Education, Iowa Department of Education, wishes to acknowledge the expertise of the task committee members and the contributions of many professionals who have assisted in the development and review of this publication. It is our belief that these guidelines will assist in appropriately serving hearing impaired students in Iowa.

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FOREWORD

The task committee, brought together under the auspices of the Iowa Department of Education, has completed the pilot study phase of the original Needs Assessment Guide for Itinerant Hearing Instruction. Input from potential users of the guide has led to clarifications, modifications, and adaptations.

The use of the guide has become more broadly based than anticipated. Feedback from potential users makes it clear that the guide must be used objectively, without regard to current placement and that the full continuum of services must be considered for each child. The professional judgment of teachers and other team members is vital to the successful application of the guide. This subjective aspect of decision-making is best applied after the information is viewed in a systematic and orderly fashion. The purpose of the guide is to assist in organizing the relevant information about a student. In many cases, use of the guide will confirm and fine-tune current status; in others, results may suggest need for increasing or decreasing the level of service provided.

It was found that one of the most effective and powerful aspects of the guide is the way it draws information from a variety of sources. Input is obtained from record review, interview, and diagnostic testing. Parents, teachers, the speech clinician, the school audiologist, and other professionals act as a team to study the whole child and the entirety of the child's environment.

Finally, the built in flexibility in the guide allows each agency to determine the actual parameters and criteria for service as appropriate to its delivery system.

The following chart compares the anticipated overall rating which a student might obtain using this guide and the audiological categorization currently used in the annual Iowa state reporting process. Differentiation between potentially educationally significant and educationally significant hearing losses, as classified by the school audiologist, can be determined by application of the Needs Assessment Guide.

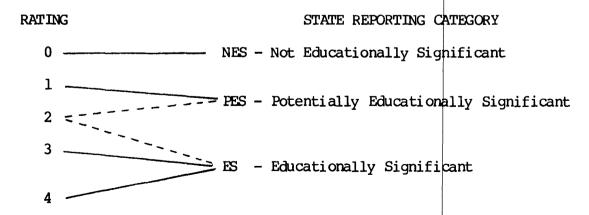


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I. HEARING FUNCTIONING

Although this is the first section of the guide, the Hearing Functioning items are not meant to define levels of need independent of the other parts of the guide. The characteristics presented are meant to reflect clinical diagnostic testing conducted by the school audiologist. It is recognized that hearing functioning is on a continuum and that individual students may not "fit" perfectly into a single rating category; clinical judgment should be used to determine the appropriate rating.

The classifications of hearing level used below (slight, mild, moderate, severe and profound) were selected for use as they are widely used in the medical and legal communities in the United States. Decibel level determinations within the various classification systems vary greatly in the literature and therefore are not specified in this guide.

Rating

Characteristics

- 0 Hearing Level:
 - Normal Hearing
 - Slight sensorineural
 - Resolved conductive
 - High frequency beginning at 4K or above
 - Unilateral sensorineural:

Speech Reception Threshold

- Commensurate to pure-tone average
- Slightly better than pure-tone average

Discrimination:

- Excellent discrimination in quiet and/or noise
- l Hearing Level:
 - Slight to mild bilateral sensorineural
 - Slight to mild fluctuating conductive
 - Bilateral high frequency beginning at 2K
 - Unilateral sensorineural

Speech Reception Threshold:

- Commensurate to pure-tone average
- Slightly worse than pure-tone average

Discrimination:

- Excellent in noise and quiet
- Excellent quiet/good noise
- Discrimination in noise improved with speechreading
- 2 Hearing Level:
 - Mild to moderate bilateral sensorineural
 - Mild to moderate conductive
 - Slight to mild sensorineural with fluctuating conductive component
 - Unilateral profound loss with slight to mild sensorineural in the better ear

Speech Reception Threshold:

- Commensurate to pure-tone average
- Poorer than expected

Discrimination:

- Excellent to good in quiet
- Good to fair in noise
- Excellent to good in noise with speechreading

Aided Functioning:

- Speech Reception Threshold within range of normal
- Discrimination excellent in quiet
- Discrimination good to fair in noise
- Excellent discrimination in noise with speechreading

Rating

Characteristics

- 3 Hearing Level:
 - Moderate to severe bilateral sensorineural
 - Maximum conductive loss
 - Mild to moderate sensorineural with conductive overlay
 - Unilateral profound loss with mild to moderate sensorineural in the better ear

Speech Reception Threshold:

- Within normal limits or significantly better than expected
- Commensurate with pure-tone average
- Slightly better than expected

Discrimination:

- Excellent to poor in quiet
- Fair to poor in noise
- Excellent to poor in noise with speechreading

Aided Functioning:

- Speech Reception Threshold normal to slight loss range
- Discrimination in quiet excellent to fair
- Discrimination in noise poor to fair
- Discrimination in noise excellent to fair with speechreading

4 Hearing Level:

- Severe to profound bilateral sensorineural loss
- Speech Awareness Threshold:
- Commensurate with pure-tone averages

Speech Reception Threshold:

- Commensurate to pure-tone average
- Better than pure-tone averages
- Not testable

Discrimination:

- Excellent to poor in quiet
- Fair to poor in noise
- Excellent to poor in noise with visual cueing

Aided Functioning:

- Speech Reception Threshold within normal to moderate loss range
- Speech Awareness Threshold commensurate to pure-tone averages
- Discrimination; fair to poor in quiet
- Discrimination; poor in noise with speechreading
- Discrimination; not testable
- Discrimination improves to excellent; poor with speechreading

II. COMMUNICATION SKILLS

The Communication skills section of this guide is intended to assist in determining the communication skills of hearing impaired students. As a guide it is limited in the scope and number of characteristics surveyed. Values resulting from use of this guide should be interpreted carefully. Professional judgment and special circumstances must be considered along with the information provided by this section.

The ratings are intended to be derived from information gathered from conventional sources including interviews, language samples, assessment instruments, structured and unstructured observations.

Rating

A. Communication Mode

Auditory Skills and Speechreading 0 - No specific concerns in this area 1 - Relies primarily on auditory for receptive information (i.e. converses without visual contact) 2 - Relies on a combination of auditory and speechreading (comprehension or speechreading scores significantly higher when visual input accompanies auditory input) 3 - Relies primarily on speechreading for receptive information (little significant difference between aided and unaided speechreading scores) 4 - Relies exclusively on speechreading for receptive information (no significant difference between aided and unaided comprehension, including speechreading scores) Receptive Signing Skills 0 - Does not need/does not know sign language - Functions primarily independent of signed input (if inter-1 preter present, student only occasionally uses the input) 2 - Relies on a combination of signed input and oral communication (perhaps successful in small groups on one-to-one, but uses signed augmentation in classroom situation) 3 - Relies predominantly on signed input 4 - Cannot function adequately without signed imput

B. Comprehension (Spoken or Signed)

	Response to questions or statements
0	- No specific concerns in this area
1	 Often responds appropriately in both academic and social situations
2	- Sometimes responds appropriately in academic situations but
	frequently responds appropriately in social situations
3	- Sometimes responds appropriately in either academic or social situations
4	- Rarely responds appropriately in academic situations; carely to sometimes in social situations

	Response to extended discourse
0	- No specific concerns in this area
1	 Often demonstrates comprehension by task-oriented actions, appropriate verbal response, or summarization
2	 Sometimes demonstrates comprehension by task-oriented actions, appropriate verbal response, or summarization
3	- Occasionally demonstrates comprehension by task-oriented actions, appropriate verbal response, or summarization
4	- Rarely demonstrates comprehension by task-oriented actions, appropriate verbal response, or summarization
	Response to age-appropriate directions (spoken or signed)
0	- No specific concerns in this area
1	- Often follows multiple directions
2	- Sometimes follows multiple directions
3	- Rarely follows multiple directions, but follows single-step
	directions
4	- Rarely follows even one-step directions
	Semantics
0	- Performs within 6 months of age and/or ability levels
1	- Perform 6-12 months below age and/or ability levels on any
_	one of the following: vocabulary, categorization skills,
	concepts, etc.
2	- Performs 12-18 months below age and/or ability levels on any
۷	one of the following: vocabulary, categorization skills, concepts, etc.
3	- Performs 18-24 months below age and/or ability levels on any
3	one of the following: vocabulary, categorization skills, concepts, etc.
4	- Perform more than 24 months below age and /or ability levels
4	on any one of the following: vocabulary, categorization skills, concepts, etc.
c.	Functional Communication, Pragmatics (Spoken or Signed)
	Social Language Skills (See Below*)
0	- No specific concerns in this area
1	- Demonstrates proficiency with most conversational skills
2	 Demonstrates proficiency in some areas but has difficulty with some conversational skills
3	- Demonstrates a lack of proficiency with several conversa-
	tional skills
4	 Demonstrates a lack of proficiency with most conversational skills
	* (i.e. ability to: give approprite greetings, make appropri-

using pronouns, etc.)

ate comments, stay on topic, shift or change topics, start and end conversations, take turns, include referent when

0 1 2	Figurative language/multiple meanings - No specific concerns in this area - Often understands idioms, jokes, cliches, as - Sometimes understands idioms, jokes, cliches	, and innuendo
3 4	 Can understand idioms, jokes, cliches, explanation is provided Rarely understands idioms, jokes, cliches, after explanation and example 	
D.	Usage, Spoken and Written	·
	Morphology	
0	- No specific concerns in this area	
1	 Frequently uses morphology appropriate to a levels, but may sometimes have difficulty textbook morphological principles 	
2	- Has some difficulty with spoken or written a	
3	may have difficulty in studying morphologicEvidences many morphological errors in spand/or may have difficulty in studying	eaking or writing
4	<pre>principles - Evidences many morphological errors in sp and/or has definite difficulty in studyir principles</pre>	
	Syntax, or sentence structure	
0	- No specific concerns in this area	
1	- Frequently uses structures appropriate to a levels, but may sometimes have difficulty	with metalinguis-
2	tic tasks (i.e. parts of speech, sentence d - Has some difficulty with language structure difficulty with matalian interests	
3	difficulty with metalinguistic tasks - Evidences many structural errors in conve	rsation, and may
4	 have difficulty with metalinguistic tasks Evidences many structural errors in convedefinite difficulty with metalinguistic task 	
E.	Speech Production and Sign Production	
	Intelligibility with an untrained listener	
0	- No specific concerns in this area	
1	 Very frequently understood by untrained unfamiliar with the student 	listener who is
2	- Frequently understood by untrained, familian	
3	- Sometimes understood by untrained, familiar	
4	 Rarely understood by untrained, familiar list 	tener

	Intelligibility with a trained listener
0	- No specific concerns in this area
1	 Very frequently understood by trained listener who is unfamiliar with the student
2	- Frequently understood by trained, familiar listener
3	- Sometimes understood by trained, familiar listener
4	- Rarely understood by trained, familiar listener
	Suprasegmental aspects of speech
0	- No specific concerns in this area
1	 Inconsistent or slight distortion of pitch, loudness rate, duration, rhythm, or voice quality is perceived by the trained listener
2	 Mild distortion of pitch, loudness, rate, duration, rhythm, or voice quality is perceived by the untrained, or casual listener
3	- Either mild distortion is perceived in several of the following: pitch, loudness, rate, duration, rhythm, or voice quality; or distortion in even one area is significant enough to reduce intelligibility to the untrained listener
4	 Distortion of pitch, loudness, rate, duration, rhythm, or voice quality is perceived to a degree reducing intelligi- bility to a trained listener
	Signing Production
0	- No specific concerns in this area
1	 Very frequently understood by trained signer who is unfamiliar with the student
2	- Frequently understood by trained, familiar signer
3	- Sometimes understood by trained, familiar signer
4	- Rarely understood by trained, familiar signer

III. ACADEMICS

Standardized Score Vs Grade Placement Rating

Standardized testing assessment instruments, which have been determined by the agency to be appropriate for the individual student, should be used. It is suggested that Iowa norms be used, if available, when comparing ITBS scores to grade placement.

The rating given at each grade level grouping reflects the concept that small delays in academic achievement at an early age are more detrimental than the expected larger delays at higher grade levels.

To obtain a severity rating in each of the academic areas, refer to the appropriate grade level groupings and enter the rating below.

Grades K - 2.9

0 1*	On grade level		
2	.1 to .5 years below grade pl	.acement	
3	.6 to 1.0 years below grade p		
4.	1.1 or more years below grade		
Grades 3 -	6.9		
0	On grade level		
1	.1 to .5 years below grade pl	acement	
2	.6 to 1.0 years below grade p	lacement	
3	1.1 to 2.0 years below grade	placement	
4.	2 or more years below grade p	lacement	
Grades 7 -	10.9		
0	On grade level		
1	.6 to 1.0 years below grade p	olacement	
2	1.1 to 2.0 years below grade	placement	
3	2.1 to 2.9 years below grade	placement	
4.	3 or more years below grade p	lacement	
Grades 11	- 12.9		
Ο	On grade level		
1	.1 to 2.0 years below grade p	lacement	
2	2.1 to 2.9 years below grade	placement	
3	3.0 to 3.9 years below grade	placement	
4.	4 or more years below grade p	lacement	
	of the critical learning per ant. Therefore, a rating of l		
Read	ling Vocabulary	Spelling	Mathematics
Soci	al Studies Science	Other:	
Othe	r:	Other:	

IV. CLASSROOM FUNCTIONING RATING

The purpose of the Classroom Functioning section is to determine the student's functioning within the regular classroom setting, and not in the itinerant teaching model. The information is most appropriately supplied by the classroom teacher or the itinerant teacher and the classroom teacher as a team. In using the instrument, the teacher should use clinical judgment in defining the descriptors: almost always, usually, frequently, occasionally and rarely.

Rating

A. Attending To Task

- Almost always attends to specific task
- 1 Usually attends to specific task
- 2 Frequently attends to specific task
- 3 Occasionally attends to specific task
- Rarely attends to specific task; is easily distracted; appears to daydream and/or wander

B. Independent Work Ability

- 0 No concern about independent work ability
- 1 Will often work alone and constructively
- 2 Will sometimes work alone; needs some prompting
- 3 Will rarely work alone; needs a lot of prompting
- 4 Will work only when prompted

C. Completion of Work

- 0 Almost always completes work on time
- 1 Often done by set time
- 2 Sometimes done by set time
- 3 Rarely done by set time; but eventually finishes
- 4 Almost never completes work

D. Requests Help When Needed

- O Appropriately requests help
- 1 Often requests help from teacher
- 2 Sometimes requests help from teacher
- 3 Rarely requests help from teacher
- 4 Almost never requests help from teacher

E. Use of Reference Materials

- 0 Selects and uses appropriate reference materials independently
- 1 Selects and uses reference materials with minimal help
- 2 Uses reference materials, but teacher must select them and provide some help
- Uses reference materials, but teacher must select them and provide considerable help
- 4 Unable to use reference materials satisfactorily, even with help

2

3

F. Following Written Directions - No concerns regarding the following of written directions 1 - Usually demonstrates understanding of assignments when given written directions - Frequently demonstrates understanding of assignments when given written directions 3 - Occasionally demonstrates understanding of assignments when given written directions 4 - Rarely follows written directions without teacher help G. Attentive While Teacher is Talking - Consistently attends while teacher is talking - Usually attends and watches as the teacher is talking 1 - Frequently attends and watches but appears to lose interest and 2 drift off - Occasionally attends and watches but appears to have strong tendency to lose interest and drift off - Rarely attends and watches the teacher; a majority of the time appears to be in a world of his/her own H. Following Oral Directions - No concerns regarding the following of oral directions 0 1 - Usually demonstrates understanding of task after being given oral directions - Frequently demonstrates understanding of task after being given 2 oral directions - Occasionally demonstrates understanding of task after being 3 given oral directions, or repeated oral directions - Demonstrates a complete lack of understanding of task when 4 given oral directions I. Attentive While Other Students are Talking - No problems attending to other student speakers 0 1 - Usually attends and watches as students are speaking - Frequently attends and watches but appears to lose interest - Occasionally attends and watches, but appears to have strong tendency to lose interest and drift off 4 - Rarely attends and watches other students a majority of the time and appears to be in a world of his/her own J. Asks Questions Spontaneously - No concern that student is not asking questions as appropriate 1 - Usually asks questions 2 - Frequently asks questions - Occasionally asks questions - Rarely asks questions even after class, privately K. Answers Questions Spontaneously 0 - Usually answers a large variety of questions 1 - Frequently answers questions

- Remains silent during discussions and question/answer sessions

- Occasionally answers questions

- Rarely answers questions

0

L. Looks Around to Classmates for Clues

- Consistently uses classroom clues positively
- Usually uses classroom clues positively
- 2 Frequently picks up classroom clues, but misses a few
- 3 Occasionally picks up classroom clues, but a lot slides by
- 4 Rarely benefits from classroom clues

M. Pupil's Need for One-to-One Instruction

- Requires no more one-to-one instruction than normal hearing peers
- Requires minimal one-to-one instruction; reveals knowledge and how-to with just a little one-to-one encouragement
- 2 Requires occasional one-to-one help to follow directions and completing assignments
- Requires considerable one-to-one help to follow directions and complete assignments
- 4 Must have constant one-to-one instruction to succeed in the classroom

N. Pupil's Response to Small Groups

- Small group activities present no problem
- Usually responds positively to small group activities; appears
 to be comfortable and seems to participate well in the group
- 2 Attends in small groups; but interacts minimally or inappropriately
- Appears uncomfortable and uncertain in small groups, needs coaxing from others
- Responds negatively to small group activities; does not participate or interacts inappropriately by disrupting

O. Pupil's Response to Whole Class

- Responds well to whole class activities; you would hardly know this pupil is hearing impaired
- Usually responds positively to whole class activities; displays a high comfort level
- 2 Frequently responds to whole class activities; appears to be attentive; may need a little coaxing from time to time
- Responds to whole class activities; but appears very uncomfortable and uncertain; needs to be drawn into activities
- Rarely responds positively to whole class activities; demonstrates extreme lack of participation

V. CONTRIBUTING FACTORS

Included below is a partial list of factors which should be considered in deciding on the type of services and/or degree of involvement required with each child. Check those items which reflect concerns for this child.

The team should determine the degree of impact of these factors and adjust the Overall Clinical Rating by +1, -1, or 0.

FAC:	Does the child interact appropriately with peers, adults and in Is the child's self-concept of concern? Are medical problems affecting performance? Were there delays in identifying this child's hearing impairment are there issues or concerns related to the age of onset of the Are there issues or concerns related to this child's ampliposes the child currently wear amplification consistently and application appropriate and functioning properly? Does this child use the telephone with ease? Are there issues or concerns regarding past programming for this Does this child have other disabilities? Other concerns:	t? hearing impairment? ification history? propriately?
FACI	Are there issues or concerns on the part of the family (parent residing in the home) regarding this child's hearing impairment Are there issues or concerns on the part of the family educational plan/programming? Are there issues or concerns regarding appropriate stimulation related activities at home? Are there concerns about the primary language used in the home? Are there serious medical problems among other family members? Are there financial constraints which affect this child? Are there issues/concerns regarding the management of this child other concerns:	regarding this child's and support of school
FACI	Are there concerns or issues on the part of the teacher in regarding? Is the school physical environment appropriate? Are there concerns or issues on the part of the school in hearing impaired child? Are there concerns or issues regarding the hearing impaired child peers? Are experience based activities included in the instructional makes there concerns or issues regarding the school's behavior man are there concerns or issues regarding the school's behavior man are the child excluded from specific coursework or extra-curricular recommended amplification equipment available? Are recommended assistive devices available for instruction? Is the child's school attendance a concern? Are there concerns relating to subject matter grades? Are career exploration opportunities available? Are recommeded support services and supplementary instructional supplementary, notetaker, etc.) Other concerns:	regard to serving the ld's interactions with odel? agement program? ar activities?
	Adjustment Factor (+1,-1,or 0)	

11

IOWA NEEDS ASSESSMENT GUIDE FOR HEARING INSTRUCTION

SUMMARY

Student Name:	Parent Name:	
THI Name:	Classroom Teacher Name:	
Date of Evaluation	Student Age Student Grade	
	and Clinical Rating obtained for each item. Space is pro s student and the Overall Clinical Rating assigned.	vided for
Preponderance Rating (Mode)		Averaging Rating Mean)
I.		
II.	Communication Skills	
	A. Communication Mode	
	Speechreading and Auditory Skills Receptive Signing Skills	
	B. Comprehension	
	Response to questions/statements	
	Response to extended discourse	
	Response to age appropriate directions	
	Semantics	
	C. Functional Communications, Pragmatics	
	Social language skills	
	Figurative language/multiple meanings	
	D. Usage Morphology	
	Syntax	
	E. Speech/Sign Production	
	Intelligibility (untrained listener)	
	Intelligibility (trained listener)	
	Suprasegmented aspects of speech	
***	Signing Production	
———— III.	Academics A. Standardized Score Vs Grade Placement	
	Reading Science	
	Vocabulary Other	
	Spelling Other	
	Mathematics Other	
	Social Studies	
IV.	Classroom Functioning	
	Attending to Task	
	Independent Work Ability	
	Completion of Work Requests Help When Needed	
	Use of Reference Materials	
	Following Written Directions	
	Attentive While Teacher is Talking	
	Attentive While Teacher is Talking Following Oral Directions Attentive While Students are Talking	
	According Milit Stadenes are larking	
	Asks Questions Spontaneously	
	Answers Questions Spontaneously Looks Around to Classmates for Clues	
	Students Need for One-to-one Instruction	
	Students Response to Small Groups	
	Students Response to Whole Class	
	Clinical Rating	
v.	Contributing Factors	
	Adjustment (+1, -1, or 0)	
	ADJUSTED OVERALL CLINICAL RATING	
	(1-4)	

Using either the preponderance method or the averaging method a student may obtain a clinical rating of 4. If contributing factors warrant a +1 adjustment, the adjusted overall clinical rating should be recorded as 4+.

CLASSROOM FUNCTIONING

MULTIPLE TEACHER RATING

	Teacher 1	Teacher	Teacher 3	Teacher
Attending to task				
Independent work ability				
Completion of work				
Requests help when needed				
Use of reference materials				
Following written directions				
Attentive while teacher is talking				
Following oral directions				
Attentive while students are talking				
Asks questions spontaneously				
Answers questions spontaneously				
Looks around to classmates for clues				
Student's need for one-to-one instruction				
Student's response to small groups				
Student's response to whole class				
	Mode:	Mode:	Mode:	Mode:
-	Mean:	Mean:	Mean:	Mean:
-	<u> </u>		<u> </u>	<u> </u>

