

PLACE ON ALABAMA A&M LETTERHEAD

Alabama A & M University
Speech-Language-Hearing Clinic
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DIAGNOSTIC REPORT

Date of Evaluation: 09/20/2010,
09/22/2010, 09/27/2010

Diagnosis: Language

Referred by: Mrs. Cowen (teacher)

Client's Occupation: Student

Supervisor: Cynthia Lewis,
M.S., CCC-SLP

STATEMENT OF THE PROBLEM

Anthony Brown, a 6.25-year-old African American male, was seen at the AAMU CSD Clinic for a language evaluation beginning on September 20, 2010. He had been previously referred to the clinic in the Spring of 2009 by his classroom teacher, Mrs. Cowen, due to concerns regarding his speech and language skills. Anthony has been receiving speech-language services at the Clinic since Fall of 2009 to address his receptive/expressive language skills and to eliminate phonological processes. He was accompanied to the Clinic by his mother, Rose Brown, who served as informant.

BACKGROUND INFORMATION

Anthony's case history revealed that he was delivered by natural birth and his medical history is unremarkable. His developmental milestones include: reached for objects at 2months, held up head at 3 months, crawled at 6 months, stood at 8 months and

walked at 1 year. Anthony's mother reported that he babbled at 6 months, spoke his first word at 12 months, and began using 2-word utterances at 24 months. Anthony's mother became concerned about his speech-language development when his kindergarten teacher expressed concerns that Anthony appeared to have difficulty following directions, expressing himself in the classroom and interacting with peers. Both his teacher and his mother report that Anthony avoids taking while at school and during play activities. Anthony is currently in the first grade where math and art are his favorite subjects. Anthony has two older brothers who do not present with any communicative concerns to date.

OBSERVATIONS AND ASSESSMENT RESULTS

Oral Peripheral Examination: Examination of the oral musculature revealed labial strength and range of motion, occlusion, lingual elevation, lateralization, and strength were adequate.

Diadochokinetic rates were also assessed and were age appropriate—note chart below:

The client's sequential motion rates were assessed via the following repetitious productions of :/p^/, /t^/, /k^/, / p^t^k^/.and “buttercup”.

Sound	Times Produced	Repetitions per Second	Above/Below Average Range
p^	24.0	4.7	Slightly Above
t^	18.0	4.0	Slightly Below
k^	20.0	3.7	Average
p^t^k^	20.0	1.0	Average

The structure and function of the oral mechanism were found to be within normal limits.

Hearing: The clinician administered a bilateral pure-tone audiometric screening. After testing at the 20db level at 1000, 2000, and 4000 Hz in both ears, Anthony's hearing was judged to be within normal limits.

Articulation: An informal articulation evaluation was performed which revealed all sounds developed within normal limits for Anthony's age. No sound substitutions or omissions were noted. Anthony's speech at the conversational level was judged to be 100% intelligible.

Language:

The Clinical Evaluation of Language Fundamentals Preschool-2 (CELF-P2) was administered. The CELF-P2 is a well-standardized test with established reliability and

validity that is used to measure the language skills of children between the ages of 3.0 to 6.0. The following results were obtained:

Subtest	Scaled Score	Percentile Rank	Age Equivalent
Sentence Structure	5	5%	4.2
Word Structure	6	9%	4.2
Expressive Vocabulary	7	16%	5.0
Concepts & Following Directions	6	9%	4.8
Recalling Sentences	7	16%	4.11
Word Classes- Receptive	6	9%	4.2
Word Classes- Expressive	7	16%	4.11
Word Classes- Total	6	16%	4.10

Administration of the *CELF-P2* revealed that Anthony performed at the lower end of normal limits on the following subtests (average scaled scores range from 7-13):

Expressive Vocabulary (ss=7), *Recalling Sentences* (ss=7), and *Word Classes- Expressive* (ss=7). However, Anthony received scaled scores below normal limits for *Sentence Structure* (ss=5), *Word Structure* (ss=6) *Concepts & Following Directions* (ss=6), and *Word Classes -Receptive & Total* (ss=6) indicating weaknesses in these areas.

	Standard Score	Percentile Rank
Core Language	77	6%
Receptive Language	81	10%
Expressive Language	73	7%
Language Content	77	6%
Language Structure	77	6%

Anthony received the following standard scores (mean/average standard score = 100 with a range of normalcy of 85-115): *Core Language* SS=77 and percentile rank of 6, *Receptive Language* SS=81 and percentile rank of 10, *Expressive Language* SS=73 and percentile rank of 7, *Language Content* SS=77 and percentile rank of 6, and *Language Structure* SS=77 and percentile rank of 6. Anthony's standard scores fall between 73-81 (between 1 and 2 standard deviations below the mean/average score of 100) indicating weaknesses in his receptive and expressive language skills.

Fluency: Fluency was informally assessed. No repetitions, prolongations, or hesitations were noted during conversation with Anthony. Fluency appeared to be within normal limits for age, gender, and sex.

Voice: Voice quality was informally assessed. Anthony's voice quality, resonance, and pitch appear to be within normal limits for size, age, and gender.

SUMMARY OF FINDINGS

Based on the tests administered Anthony has a receptive and expressive language deficit. The Clinical Evaluation of Language Fundamentals Preschool-2 (CELF- P2) was administered and revealed weaknesses in the following areas: *Sentence Structure*, *Word Structure*, *Concepts and Following Directions*, and *Receptive Word Classes*.

Anthony's scaled scores, percentile rankings, and age equivalents on these subtests fall below normal range. Anthony's performance on the *Expressive Vocabulary*, *Recalling Sentences*, and *Expressive Word Classes* subtests falls at the lower end of normal limits. Additionally, Anthony's standard scores for Core Language (SS=77), Receptive Language (SS=73), Expressive Language (SS=81), Language Content (SS=77), and Language Structure (SS=77) fall below normal limits (SS mean/average = 100). Specific areas of difficulty for Anthony include spatial concepts, opposite concepts, categories , basic attributes, and syntax (e.g. past tense verbs and plurals). A comparison of his previous and current test results indicate that Anthony is making progress and continuing to develop his language skills.

PROGNOSIS

The prognosis for Anthony Brown to improve language skills is good due to strong parental support, school support and stimulability to certain language skills.

RECOMMENDATIONS

It is recommended that Anthony receive therapy for the Fall 2010 semester at the Alabama A&M Speech and Hearing Clinic for two 50-minute sessions weekly targeting receptive and expressive language skills.

LONG TERM OBJECTIVES

Long-term objectives should include, but not be limited to:

1. The client will demonstrate age-appropriate receptive language skills with 80% accuracy.
2. The client will demonstrate age-appropriate expressive language skills with 80% accuracy.
3. The client will attend to a given task and remain seated for 10-15 minutes.
4. The client will complete homework assignments with 80% accuracy.

SHORT TERM OBJECTIVES

Short term objectives should include, but not be limited to:

- 1a. The client will follow 2-3 step commands with 80% accuracy.
- 1b. The client will identify past tense verbs when given picture stimuli with 80% accuracy.
- 1c. The client will correctly identify age-appropriate pictures by a.) category b.) function, and/or attribute when given picture stimuli with minimal cues from the clinician with 80% accuracy.
- 2a. The client will correctly use temporal concepts (before, after, next, etc.) while answering questions and describing pictures with 80% accuracy.

- 2b. The client will correctly label irregular plurals when given picture stimuli with 80% accuracy.
 - 2c. The client will correctly label age-appropriate pictures by a.) category b.) function and/or attribute when given picture stimuli with minimal cues from the clinician with 80% accuracy.
- 3a. The client will attend to a given task and remain seated for 5-10 minutes.
 - 4a. The client will complete homework assignments with 80% accuracy.

Student Clinician

Clinical Supervisor