

DEVELOPMENT OF A TEST IN AUDITORY MEMORY

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Abstract

The study was conducted to compare difference between the auditory memory of boys and girls of 3rd and 4th grade .To conduct this study a test consisting of 15 items was first made and standardized. A sample of 124 student(62boys and 62girls) of 3rd and 4th standard was selected from English medium schools of Raikot (ludhiana). It was found girls have slightly better auditory memory than boys and greater variability was found in girls auditory memory. 4thgrade students possess better auditory memory as compared 3rd grade students.

Keywords: AUDITORY MEMORY , PRIMARY EDUCATION

Introduction

- Assessment data is used to on a routine basis for making educational decisions about students.Purposes of assessment are decision making ,screening, placement placement ,programme planning, evaluation and individual progress. Different type of test are used for this purpose.A psychological test is a structural technique used to generate a carefully selected sample of behaviour .Psychologists are more likely to use two kinds of tests viz test of personality and test of ability. Different types of tests of ability have been developed to assess different types of abilities.Likewise memory is a part of human behaviour. Memory is the retention of information over time.There are different types .Auditory memory involves being able to take in information that is presented orally, to process such information,store it in one's mind and then recall what one has heard.Bbasically it involves the skill of attending ,listening ,processing ,storing and recalling .There are two kinds of auditory memory – short term and long term memory.Students with auditory deficiencies often experience difficulty in developing a good understanding of words ,remembering terms and information that has been presented orally.Even silent reading involves a form of listening .Probably the most prevalent but most of ten overlooked deficiency is auditory Memory. A weakness in auditory memory can have serious consequences in the realm of learning for the students because they pick up only bits and pieces of what has been told during a classroom lecture and auditory memory weakness of students can easily go undetected by a teacher. Often the students the students with auditory memory problems appear to be trying very hard to listen because their eyes are focussed on the teacher and they appear to be attentive.

Slingerland Screening test(1970) was developed for identifying children with specific language disabilities in which nine sub tests were developed to measure such variables as visual copying , visual memory ,visual discrimination , auditory perception and auditory perception and auditory visual association .The Goldman-Fristoe -Woodlock test (1970) of auditory discrimination is intended to assess speech, sound discrimination under conditions of quiet and noisy backgrounds . Wepman developed the Wepman auditory discrimination test (1973)for children aged 5-8 years .Auditory sequential memory test (1978)by Wepman , Jospeh M;Morency, Anne to assess ability to repeat from immediate memory and increasing series of digits. Auditory discrimination and attention test (1995) by Morgan Barry ;

Rosenmarie designed this test to assign auditory discrimination and attention for speech. Auditory continues performance test (1998) developed by Winfred, Jr. ;Barret; Gerald V. Overspike; Denis to measure auditory selective attention.

Objectives of the study:-

- To examine the difference between auditory memory of boys and girls.
- To examine the difference between auditory memory of 3rd and 4th grade students.

Delimitations of the study:

- The study was limited to the schools of Raikot only.
- The sample was selected from two schools only.
- The sample was consisted of children from standards 3rd and 4th attending regular schools.

Methodology

- Proportionate random sampling technique was used to select the sample.
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- The study was conducted on 124 students of 3rd and 4th standards in two schools of Raikot District Ludhiana.
- Auditory skill test was prepared and used to conduct the study.
- Mean, Standard Deviation ,Skewness and kurtosis was used to draw the conclusions.

Table-1: Mean and standard deviation for boys and girls:-

Statistics used	Boys	Girls
Mean	25.89	26.613
Standard deviation	9.74	8.66

Table 2: Mean and standard deviation for 3rd and 4th grade students :-

Statistics used	3 rd standard	4 th standard
Mean	25	27.58
Standard deviation	10.74	6.679

Results

It was concluded that girls have slightly higher auditory memory than boys There is also greater variability in the girls auditory memory. Students of 4th grade have slightly better memory than those of 3rd grade.

The test developed in auditory memory is helpful in assessing auditory efficiency or deficiency of students .The provisions could be made to teach the students with auditory aids .

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