



RESEARCH PAPER

A Study of Struggles of Teachers of ASD and mathematics at the Primary Level in Lahore

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ABSTRACT

The research aims to evaluate the teacher's difficulties due to health issues, math anxiety, self-streaming, behavioral problems, environmental factors, lack of knowledge, unnecessary resources, the experience of teachers, student engagement, student attention, and in-service and pre-service training. Many researchers conducted research on the different issues of children with ASD in studying the various concepts of mathematics such as geometry. Now in this study, discuss the problems of teachers of ASD in the idea of measurements. A quantitative approach was used to quantify the data, analysis, and their interpretation. It was a cross-sectional survey with a self-made questionnaire of 4 demographic items and 30 close-ended questions to get the data according to their research with the convenience of respondents suitable for the research as a sample. Fulfill all the confidentiality rules. Most of the respondents agreed on all the daily problems during the mathematics session. This study helps the teachers, therapists, school management, and society cater to all the difficulties and challenges highlighted in this study. It supports all the issues mentioned in the survey to improve students' development and provide a comfortable environment for the teaching staff to deal with children with ASD easily.

KEYWORDS Autism Spectrum Disorder, Therapist, Special Educators, Inclusive Education Institute

Introduction

Mathematics is the science and study of quality, structure, space, and change. Mathematicians figure out patterns, formulate new conjectures, and establish truth. Mathematical objects such as numbers and points exist naturally as human creations. The mathematician Benjamin Peirce, Mathematics "The science that draws necessary conclusions". Albert Einstein stated, "As far as the laws of mathematics refer to reality, they are not certain; and as far as they are certain, they do not refer to reality."

Mathematics is essential in many world fields such as natural science, engineering, medicine, and social sciences. Measurement measurement is a technique in which the properties of an object are determined by comparing them to a standard quantity. Measurement is essential to express any quality of objects, things, and events. There are basic measurement variables that deal with in areas of mathematics: Time, Length, Weight, Volume, and Temperature. Length is used to measure the size of something. Weight or mass is used to measure how heavy something is. Capacity is used to measure how much liquid something can hold.