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Identification of Mathematical Learning Difficulties among the Secondary School Students of Humanities Group of District Lahore

Dr Fahd Naveed Kausar¹, Asif Saeed², Ehsan Elahi³, Irsa Mehboob⁴

Abstract

The purpose of this study was to determine the prevalence of students with mathematical learning disabilities (MLD) in secondary general mathematics classes. A sample of 344 pupils was chosen specifically for this purpose. The phrase "learning difficulty" does not imply a lack of intelligence; rather, it indicates that a learner may experience difficulties as a result of environmental, educational, emotional, and physical variables. It involved creating a screening checklist to identify general mathematics students who have mathematical learning difficulties (MLD) and creating a mathematical aptitude test comprised of exams known as the Mathematical Ability Test (MAT). Experts in the relevant field provided their opinions to confirm the screening checklist and diagnostic test's content validity. The Mathematical Ability Test's reliability was assessed using the 0.584 Cronbach's alpha coefficient. It was discovered that the Mathematical Ability Test's concurrent validity was 0.401. Descriptive and inferential statistics were used to examine the information gathered. The gender, rural location, low and high achievers, and other student characteristics were compared among the students using an independent sample t-test. At the secondary level, the proportion of female students experiencing learning challenges in mathematics is significantly higher than that of male students. The percentages of male and female students with learning disabilities were 0.5039 and 0.4892, respectively. The average percentage of kids that learn maths is 49.65%. It was strongly advised that a training programme be started in order to increase the capacity of secondary school math teachers. In addition, educators must employ activity-based pedagogical strategies to ensure that mathematics is learned effectively and permanently.

Keywords: *mathematical learning difficulties, secondary schools, humanities group, district Lahore*

Introduction

These days, having strong mathematics abilities is essential for both obtaining a good career and living a comfortable existence. Higher levels of mathematical proficiency are associated with greater job prospects, higher pay, and improved well-being, according to research. Conversely, a lack of mathematical proficiency wastes tax dollars for the government, private citizens, and businesses. It illustrates how important mathematical abilities are to people's professional advancement. The researchers discovered that students' memorization of textbook material is the primary cause of mathematical learning challenges, or difficulty in learning mathematics. In particular, it has to do

¹ Assistant Professor, School of Education, Minhaj University Lahore, Punjab, Pakistan, Email: fahdnaveed1@hotmail.com

² Assistant Professor, Department of management sciences, COMSATS University Islamabad, Attock campus, Punjab, Pakistan, Email: Miss.asifsaeed@gmail.com

³ M.Phil Scholar, School of Education, Minhaj University Lahore, Punjab, Pakistan.

⁴ Independent Researcher, Ghazool, Minshif Dubai, Email: Irsa_mehboob@hotmail.com

Mathematical Learning Difficulties In The Secondary School

H Kauffman



Mathematical Learning Difficulties In The Secondary School:

Mathematical Learning Difficulties In The Secondary School Book Review: Unveiling the Power of Words

In a world driven by information and connectivity, the power of words has become more evident than ever. They have the ability to inspire, provoke, and ignite change. Such could be the essence of the book **Mathematical Learning Difficulties In The Secondary School**, a literary masterpiece that delves deep into the significance of words and their impact on our lives. Published by a renowned author, this captivating work takes readers on a transformative journey, unraveling the secrets and potential behind every word. In this review, we will explore the book's key themes, examine its writing style, and analyze its overall effect on readers.

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Table of Contents Mathematical Learning Difficulties In The Secondary School

1. Understanding the eBook Mathematical Learning Difficulties In The Secondary School
 - The Rise of Digital Reading Mathematical Learning Difficulties In The Secondary School
 - Advantages of eBooks Over Traditional Books
2. Identifying Mathematical Learning Difficulties In The Secondary School
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an eBook Mathematical Learning Difficulties In The Secondary School
 - User-Friendly Interface
4. Exploring eBook Recommendations from Mathematical Learning Difficulties In The Secondary School
 - Personalized Recommendations
 - Mathematical Learning Difficulties In The Secondary School User Reviews and Ratings

- Mathematical Learning Difficulties In The Secondary School and Bestseller Lists
- 5. Accessing Mathematical Learning Difficulties In The Secondary School Free and Paid eBooks
 - Mathematical Learning Difficulties In The Secondary School Public Domain eBooks
 - Mathematical Learning Difficulties In The Secondary School eBook Subscription Services
 - Mathematical Learning Difficulties In The Secondary School Budget-Friendly Options
- 6. Navigating Mathematical Learning Difficulties In The Secondary School eBook Formats
 - ePub, PDF, MOBI, and More
 - Mathematical Learning Difficulties In The Secondary School Compatibility with Devices
 - Mathematical Learning Difficulties In The Secondary School Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Mathematical Learning Difficulties In The Secondary School
 - Highlighting and Note-Taking Mathematical Learning Difficulties In The Secondary School
 - Interactive Elements Mathematical Learning Difficulties In The Secondary School
- 8. Staying Engaged with Mathematical Learning Difficulties In The Secondary School
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Mathematical Learning Difficulties In The Secondary School
- 9. Balancing eBooks and Physical Books Mathematical Learning Difficulties In The Secondary School
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Mathematical Learning Difficulties In The Secondary School
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Mathematical Learning Difficulties In The Secondary School
 - Setting Reading Goals Mathematical Learning Difficulties In The Secondary School
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Mathematical Learning Difficulties In The Secondary School
 - Fact-Checking eBook Content of Mathematical Learning Difficulties In The Secondary School
 - Distinguishing Credible Sources

13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
14. Embracing eBook Trends
 - Integration of Multimedia Elements
 - Interactive and Gamified eBooks

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