



TROUBLES OF MATHEMATICS STUDENTS IN LEARNING ENGLISH - LANGUAGE MATERIALS

Ms. P. Vishalini,

II- B.Sc. (Maths)

Muthayammal College of Arts and Science,
Rasipuram, Tamil Nadu.

Ms. R. Kiruthiga,

II- B.Sc. (Maths)

Muthayammal College of Arts and Science,
Rasipuram, Tamil Nadu.

Ms. A. Manjula,

Assistant Professor/English

Muthayammal College of Arts and Science,
Rasipuram, Tamil Nadu.

Abstract:

This research is based upon how the Math students struggle to recognise and utilise English avarice funds. In this will learn how they faced the English in Mathematical problems as difficult words, different vocabulary, enormity spelling to pronounce and they speak in English fluently. The record collected from the batch 2022- 2023 at the Muthayammal College of Arts and Science Rasipuram, Namakkal (Dt) studying in Math department. From this data we analysed that the student is difficult to learn English material. The best way to solve the problem to communicate to others across English movies, comedy programs, spoken English books, play games, identify the difference between words, etc. And then we read all everything gets our hand like newspaper, magazines.

Background:

The language is an important tool in our life. To handling the language is very difficult. Through the language we communicate with others and highlight our comments to others. In next generation there are no problems to handling the language. In present we want to learn English lecture carefully. In this way they faced the problems. In our life we studied Mathematics in schooling with the famous quote, “**Mathematics gives up hope that every Problem have a solution**” we don’t live without Math in our daily life.

Math staffs face many problems to teaching us. In the same way, the students also facing many problems. A person who wants to learn Math, they compulsory learn English. Many people have archived in Math, because

of they are well in English. Language will not be a barrier for them. We find solutions to questions in Math and if we fail understand it, Math becomes difficult. In English language Math students scored low marks. If we want to score high, we should learn English. It is difficult to understand universal theorem in Math.

We can overcome many problems by learning English. This will enable more students to archive. Now a days all the issues are converted into the Mathematical modelling. But we can't understand that clearly, because of reading, writing, listening, understanding these are very difficulties. The best way to solve this problem is through familiarly, take to English speakers as often, listening to English - language audio books, watch English - language movies and TV shows without dubs or subtitles and soon. This will gradually build up you're understanding and make spoken English easier to follow.

Information on methods:

By using English language is difficult to develop the calculation and the reasoning to solve Math problems. Mathematics is made up of only numbers, shapes, data and measurements. In Mathematics English is used to form a Mathematical statements, definitions, theorems and proofs. A lot of English words are used in Math with different synonyms (two - to, sum - some, by - buy ...ect.)

Example: To **sum** an equation 1 and 2, make **some** equation.

“Dyscalculia” - It is first defined in 1974 by a Czech researched named Ladislav Koss in an article “Developmental Dyscalculia”. Some words in Math are pronounced in different sounds by a teacher's. So, the students are unable to learn that like the symbol π , \aleph , \sim , Δ , Σ , ϵ , α , \leq , \geq , \pm , \neq , ∞ , \iint , \oint , \cup , \underline{a} , ρ) are different words by the teachers. Someone pronounces “Sai” as “dho” etc. Hence the students unfit to understand that pronunciation. So, there are some problems to recognise.

To change the blunder pronunciation Math symbols.

- All teachers are used to symbols in same sound.
- To tell the difference between the symbols.
- To repeat the symbol while taking the class.
- Students wants to pronounce the symbols every day.

To acknowledge the vocabulary in Math, its helps students to work through problems.

- To elaborate the peruse habit.
- Play word games.
- Practice new words.

The vocabulary and grammar are used to construct sentences in Math.

Reaction to the findings:

The investigation data as well as experience and instrument are used in this preparation, in this probe there are 32 students studying the Mathematical education. From these students we collected the data, it is difficult to learn English material of Mathematics students. From these data we known high, low and average performance of the Math students. In colleges sometimes inability to memorize the formulas, based facts, difficulty understanding the logical steps mixing the English lecture to solve the Math problems.

Faculty should make a point to check in which observer feel Dyscalculia during the lecture and they give some ideas. It may also be helpful to easily solve the home work problems.

Table 1. Students test outcomes

S. No	Description	Students score
1.	The highest score	100
2.	The average score	72.5
3.	The low score	45

Table 2. Selected students' interview

S. No	Student's code	Marks	Category
1.	UN	48	Low
2.	FFA	46	Low
3.	DS	45	Low
4.	TKD	75	Average
5.	FWW	78	Average
6.	SSA	75	Average
7.	PVA	72	Average
8.	BG	94	High
9.	CPC	100	High
10.	JKC	100	High

In the above table shows that, how the students performed in English language. The marks are high, low and average. Some students score low marks because of learning English language and understand the language. while the different words like

- **Vinculum** - come from Latin meaning 'bond or link'. A group of numbers or symbols show that they should be grouped together.
- **Googolplex** - is the number 10 Power 100, googol Pele is the number 100 Power googol.
- **Apothem** - line segment.
- **Abscissa** - X coordinates.
- **camembert** (French word) - pie chart.
- Field theory – since f is not **nilpotent**, therefore A suffix not equal 0.
- 'Being **Surjective** in any case'. **Herimition, unitary and cononical** forms these words are difficult to use Math students.

- Annihilator of a subspace.

ALPEPIN

BORNSIDE

BIRKHOFF

BRAUER - Hua theorem

Axiom of choice

Leibnitz

Dedekind's theorem

This type of English words are humble to the Math students and in some times the spelling will change while writing the test and exams. Therefore, the students are getting low marks.

Conclusion:

Teaching and learning the language is vital for the development of Mathematical proficiency. For Students learning vocabulary is a very important part of their language development and also ultimately Mathematical proficiency. According to above subject we have some ideas to improve our English skills in Mathematics using and follow this, to learn Math perfectly. There are much of requirements of English language not only in India, it is very helpful and require for all countries.

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