



STRUGGLES AND OBSTACLES IN LEARNING MATHS IN ENGLISH: A STUDY

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Abstract

This research discusses about the students struggle to learn English and problems of Math students in understanding Math class in English. In search, take 32 students below, we analyze the students' trouble to learn English. What are the problems faced by Math students' classes? Student problems in percentage with student statements. Suggestions given to students to speak, listen, read and write English and how to develop it.

Background

In college level teaching methods, all teach completely in the English language. So, it is difficult for the students to understand the proper meaning. Reading, Writing, Speaking, and Listening skill are not explained by all the teachers. Learner's study new vocabulary and grammar, in every classes. At school level, students used to speak in their native language and mostly school doesn't focus on the English language and they didn't use advanced English words. But when one enters into college, Students failed to understand the class because they do not understand the speaker' English words, hence they have to over come it. In Math lectures are elucidate in English because many of the students are from different States. The student's native language is different, mostly lectures are in the English language. But some students don't know the English language and they fail to understand the exact meaning. In Math lectures, the equations and formulas are explained by the teachers seem to be so different to students and it is difficult to understand it in English language. In teaching and learning there is some misunderstanding happen till now.

Methods of research:

In classroom. it is difficult for Math student to learning Mathematics in English. These methods of research are study give students some Suggestion, Questionnaire and discretionary. In first methods, provide some suggestions to students and next is asking questions to students and third is to give multiple choice question to students. These are the three types used for students to answers the questions depending upon their mindset. This method is used to verify the students' skills.

Finding and Discussion:

Analysing the data of the students and the answer are shown in mark type and marked in decimal number. What are the problems does the students face in speaking English? and is explained using the table

Finding:**Problems in speaking:**

The following Questionnaire and discretionary types we observed the students' speaking problems. For more information in following table,

S. No	Statement	No.	Mean	SD	Category
1.	I fear to speak in English language in my classroom	32	37.4	1.05832	Trouble
2.	I think before communicating with others	32	32.7	0.85821	Problems
3.	I find difficulties in answering the questions in the classroom discuss	32	42.7	1.13680	Trouble

This table discuss about the students, how they faced the speaking difficulties in Math classes. researcher take 32 in this research for knowing their category. In these three statements the highest mean is 42.7.

Problems in Listening:

In the following Questionnaire and discretionary type used to observe problems in Math lecture class. It is explained briefly in the table,

S. No	Statement	N	Mean	SD	Category
1.	I have some difficulties in listening Math class. All the Math theories are taught in advance English	32	33.3	0.96396	Problem
2.	I have some doubts in English words and meanings	32	38.7	1.08662	Trouble
3.	If the Math Teacher ask question in English, it is difficult for me to answer and understand the exact meaning.	32	35.9	1.09638	Problem

This table discusses about the students' difficulties in Math lectures and asking questions in the English language. Researcher have 32 members for statement analysis, the students' mindset and the highest difference is 38.7.

Problems in Reading:

The following table shows the students' difficulties with reading skills in Math class.

S. No	Statement	N	Mean	SD	Category
1.	I have some difficulties in Math books and other textbooks because the books are completely in English, the words are difficult to read and understand.	32	31.4	0.27495	Problem
2.	I have read some books; it is difficult to understand the meaning	32	45.4	2.9763	Trouble
3.	I have some difficulties in reading the equations and long sentences and I struggle to read the new vocabulary.	32	34.8	1.05684	Problem
4.	I struggle to see the Math lecture videos because it is written and explained in English language. So, I have difficulties to read it.	32	48.3	2.98646	Trouble

In this table, I have 32 members in Math class and analyse, how English reading differ from class and other places. This statement discusses about it with the statement analysis and students' mindset and highest mean is 48.3.

Problems in writing:

The following table explains about the difficulties in writing in English language,

S. No	Statements	N	Mean	SD	Category
1.	I have some difficulties in English writing, because I don't know some advanced English words.	32	66.3	3.57808	Problem
2.	I feel difficulty in writing because, lack of knowledge in grammar and spelling.	32	47.0	2.8684	Trouble
3.	I think, it is difficult to write the dictated word by Math Teacher.	32	51.9	3.09648	Problem
4.	I have some difficulties in making new sentences in English.	32	28.5	0.46830	Trouble

The following table discusses about difficulties of students in writing. This statements analysis the students struggle to write and highest mean is 66.3.

Discussion:

The students' answers are analyzed using some methods. The Math students have problems learning English skills. In speaking, they have some problems in speaking in the classroom and other places. They try to answer some formulas in English, but they have trouble speaking. They feel difficult to convey their ideas to others and Math students listen all the sums in English language but it is difficult for them to ask for doubt. They have fear of speaking because they don't know grammar. And sometimes they have problems with pronunciation in English. They struggle to convey answers the questions.

In listening, in Math class teachers speak only in English. Students do not understand teachers' pronunciation, because they study in native language. So, they have struggle to learn English and difficult to know it's meaning. In the lecture hall, Teachers are playing the video and that video are only in English.

In reading, Math students struggle to read Math books because text are in English. They find some problems in reading. (E. g. Permutation Groups and burnside's theorem) this example is taken from the Math book. These words are difficult to understand.

In writing, they scuffle in the Math lecture because the lecturers are explaining in English and it is difficult to follow them and take notes. And their pronunciations are different. Teachers speak some different words and some equations, formulas in English at that time they unable follow and write in English. Hence, some grammatical mistakes happened while writing the notes.

These are the problem of the students while listening and understanding the Math class.

Conclusion and Suggestions:

Students faces lot of trouble in learning Math in English language. In speaking, the students' problems are fear of speaking to others. So, first students want to speak to others and they should observe some English videos because it is useful to improve speaking skills. In Listening, the students' problems are listening very big words and its pronunciations. So, Teachers use simple English words by using dictionary, hear some audio and read some books. In reading, Dictionary is helpful to read Math books and understand easily. In writing, Students don't understand question in English. They feel difficult in writing the notes. It is important for the Math students to understand all the skill and learn English for their future.

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