

TEACHING MATH IN ENGLISH TO UNIVERSITIES AND INSTITUTIONS' STUDENTS FOR TAKING GMAT CERTIFICATE

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Abstract

The article provides the main factors which given the below how to teach English language to the mathematics' students who are going to take their "master degrees". Development of research activities are characterized by the structure of teaching system, its time spends and incomes.

The article is aimed at construction the whole period of learning process and main features to approaching GMAT certification. The materials of the article can be useful for all learners who achieve success of mathematical sphere especially eager to continue the period of his or her studying in abroad. The article investigates the striking amounts of using items main actors who provides students studying tools and references reasons of using them in the contemplation.

Keywords: GMAT, students, training course, diagnostic tests, English language, certificate, IELTS exams, Westminster University, studying tools, actors, textbooks, master`s degree, international universities.

INTRODUCTION

Education system in Uzbekistan has been changing to broad and positive side for the last three years. As a result of these changes and globalization, republic's education system has improved dramatically over the past years. There are a lot of achievements in different branches of life such as science, humanity, economics, education, and so on. However, it must be admitted that there are not many opportunities for the students of Uzbekistan who want an international grade of mathematics.

So, the proposal aims to teach English to undergraduate students of Samarkand State University for taking GMAT certificate, because majority of them face problems in acquiring English since the language is not

their major. On the contrary, they are required to gain knowledge on English before graduation. They are given their diploma when they manage to pass final exams on English. In addition to the requirement mentioned above, students applying for master`s degree have to know.

MATERIALS AND METHODS

English and the course which is recommended here aims to teach them so that they can be admitted to master`s degree without taking exams on English. This is a new training system for the students of higher education system in Samarkand and this training is useful not only for studying at master`s degree without taking an examination in the field

“Audit” and “Accountant report” but also being recruited well-paid jobs with generous benefits in the future, because there is high demand for workers who are experts both in their fields and in English as well. This course can be considered to be at macro language planning level because of the president’s decree “Extra actions on turning into standard financial report” proclaimed on February 24, 2020. The site t.me/edu.uz/joinchat/AAAAAEX5-AudocFp7PIMcQ gives more detailed facts about the decree. In this case training for GMAT is a new branch of education in Samarkand and it is very demandable, too. According to the University’s statistics, every year more than 100 students are not permitted to take their bachelor diplomas because of their lack of knowledge on English, most applicants fail their entrance exams, however they are good at their majors. The only hindrance for them to be admitted is their low level of English language.

RESULTS

The training course will be held in Samarkand State University, in Samarkand city as it is mentioned above. All requirements are thoroughly explained in the decree “Extra actions on turning into standard financial report”, according to the decree, all undergraduate students who have GMAT certificates can be admitted to master’s degree without taking exams on any subject. Students’ knowledge on economics and math is really high in Samarkand, however their knowledge on English language is not good and they are not enough qualified to take international certificate GMAT. The main reason for this is most of them come from remote destinations of Samarkand and English language is not taught quite well there. The given proposal will be fruitful for the students to overcome the language barrier. If they learn English very well, they will have great opportunities to take GMAT certificate without any problems and to continue their next academic life at Master’s degree.

National and local laws

□ National Policy:

The president of the republic of Uzbekistan Sh. Mirziyoyev (2020) suggested in his speech in front of deputations of Parliament to prepare students to apply or enter international universities to continue their Master’s degree in the field of Math. Moreover, according to this decree: teaching English will be conducted step by step. Nevertheless, math classes will be taught only in English language, because they should learn how to use language in their field of study. And also students who are learning English and math will be taught by highly qualified teachers from Westminster University.

Culture

To take into account the learners’ capability, for our course both morning classes for women and evening classes for men will be set according to their choice. Furthermore, the majority of the learners are from rural areas, so classes will be set affordably for them. Secondly, the learners are mostly Uzbek and Russian. For this reason, teachers who know Uzbek and Russian languages conduct the lessons in different classes

Goals

The goal of this proposal is teach English to math students so that they can go on studying further at master’s degree without taking entrance exams after taking GMAT certificate.

Objectives: There are several steps to reach the main goal. Learners are admitted to different groups according to their level of English knowledge.

Their level is identified by placement tests.

Then diagnostic tests can be designed to know about learners’ weaknesses and strengths.

Textbooks enhancing learners’ four academic skills are chosen. Series of “Straightforward” is the most suitable textbook for the course as they are designed for different level learners.

English classes are hold three times a week.

After they have acquired elementary, pre-intermediate, intermediate level, learners take IELTS exams, after that they begin studying GMAT for 4 months.

Level
Elementary
Pre-intermediate
Intermediate
IELTS preparation
GMAT preparation

Inventory

The course needs the following items:

Computers are necessary for making power point presentations related to the topic, and with the help of projectors teachers can show slides for students to memorize the facts easily. Lots of textbooks can be kept on computers, so printers are the most important equipment to print out the necessary materials for the lessons. Speakers will be helpful to present audio and video materials. There are three classrooms and each room has one complete set of the following items.

Computers	3
Projectors and printers	3
Speakers	3
Printed books (Straightforward 10 teachers' book, 50 students' book, 50 workbooks)	110

DISCUSSION

With the help of this training, the students will apply for master's degree and after taking certificates they will be accepted without any exams. Furthermore, the students who will take such kind of international certificate can apply for also international universities, as a result they learn foreign experience and they will contribute to enhance the economy of our country.

Having carried out the survey we have known that preparing for taking GMAT certificate had

already begun in Samarkand city by nongovernmental education center Fast and Fluency. But their teachers were not well qualified enough to teach students and neither of them took any certificates. Consequently they all did not want to continue. According to the street interview which I did during the survey I have found that 60-65% students who are studying math want to take the certificate of GMAT and they asked for establishing this training course in Samarkand city. Furthermore, they also want to learn English language from well qualified teachers to develop their English skills.

Furthermore, it is said that, there is similar one project on the internet which is called Magoosh.com. This project based on online teaching GMAT. However this kind of project is very fruitful for learners. Maybe someone become skilled at math but they may not understand English language. It is fact that, mentioned project is effective, in fact there are more than 236,000 students obtain their goals with the help of Magoosh. They have helped many students get into top business schools such as University of Oxford, London Business School, Stanford University, Yale University and etc.

Timeline.

It begins in September 2022

This timeline has been made to be completed in the academic year 2022:

No	Level	Required time.
1	Elementary	1 month
2	Pre-intermediate	3 months
3	Intermediate	4 months
4	IELTS preparation	4 months
5	GMAT preparation	4 months
	Total:	16 months

Aspects.

Target language:

The target language will be different according to the level of students.

Language objective: In the beginner level teachers will explain English language which is divided into five sections grammar, speaking, listening, writing and vocabulary in both languages Uzbek and English. However, from the elementary level all classes will be only in English and the students will learn how to interact with each other and they learn math terms from this level. So English is specialized according to math and IELTS system in this level.

Content objectives will include both general and academic vocabularies including terms, collocations and phrases according to their major. As it is mentioned above books which are called "Straightforward" and its workbooks will be utilized according to the syllabus of the training course.

Methods and practices.

As it is mentioned above this proposal will be the first training course in Samarkand, although it was held by training center Fast and Fluency. So this training course will enhance current situation by bringing teachers from Westminster University in Tashkent.

Communicative teaching methods are used during the lessons Savignon, S.J.(2018) noted that CLT not only concerns with face to face communication but also with reading and writing skills.

Context-embedded lessons which refer face to face communication are designed as Cummins,J.(1979) suggested.

Firstly, the teachers will create their own teaching methods according to the subjects and they will be checked by the commission staff. This will develop teaching process quite well and both English and math will be taught together. Because of the premier training course of taking GMAT certificate, the students will have a great chance to continue their education in Master's degree and they will be more useful people to develop our country economy.

Assessments

Assessment process will be divided into three steps.

There are some types of tests: Achievement, diagnostic, placement, proficiency and aptitude tests (Brown, 2010). In this case groups will be divided according to achievement

1. First step is called evaluating assessment. In this step students will be tested their English and math. After passing from this step they will be divided several groups.

2. Second assessment process is called mid-term checking. In this process the students of the course will be assessed how they getting knowledge during the lessons. If anyone cannot pass from this step, they will be taught again from the beginner level.(Brown,2010)

3. Third step is called final assessment. This step itself is divided into two levels. A) In the "a" level students first will take IELTS exam. B) In the "b" level finally they will sit for an exam of GMAT.

All assessment process will be supervised appointed commission staff who will be brought from Tashkent, so they will not from local institutions.

Actors

□ According to Zhao's article there are four categories of actors: the first one is formal elites, it includes presidents, governors, senators and school principals. Moreover, the Ministry of Higher Education of the Republic of Uzbekistan can be the main actor here. The reason why they can solve legal permission, directs to create curriculum.

□ Kaplan and Badaup (1997) noted that there are four categories of actors, they are government agency, education agency, non/quasi government organizations and other organizations. The second actor will be for this proposal is that Samarkand State University. Students who are studying in the final step of their bachelor's degree. Moreover, they provide with classroom. It is included in education agency category.

□ Actors are people who want to participate in this training course and each of them will play an important role during this process. British Council in Tashkent helps to bring printed books. And it is included non/quasi government organizations. Westminster University in Tashkent helps to bring teachers of math and English from Westminster University. Nevertheless modern technologies for 3 groups of students including 3 computers and 3 printers as well as are funded by the US Embassy.

As we mentioned above in this training course it will be different levels such as beginner, elementary, pre-intermediate, intermediate, upper intermediate. For teaching each level it will be required teaching equipment which we have written above and classes will be held in 3 rooms, each of which require the same tools as following:

Funding

№	Items	Number of items	In Soum
1.	Computers	3	8000000 soums
2.	Projectors and printers	3	12000000 soums
3.	Speakers	6	500.000 soums
4.	Printed books (Straightforward 10 teachers' book, 50 students' book, 50 workbooks)	110	15000000 soums
5.	Salaries for teachers	5 teachers (in total)	7 mln soums a month (for each)

3 rooms which are located in Samarkand State University

CONCLUSION

The room is hired from Samarkand State University. Every item should be placed for each room which is mentioned above, for example one projector, one printer and speakers should be in one room.

□ Math subject specialists from Westminster University are hired to conduct the classes. Since, the subject is really demanding and well paid.

□ Printed books will be provided by Macmillan education

□ The main supporter will be the ministry of finance of the republic of Uzbekistan.

Because of the first step of establishing this kind of training course, aforementioned item are enough and in the future they will be expanded according to the demand.

References

- [1] Brown, D.H (2010). Language Assessment: Principles and Classroom Practices (2nd edition)
- [2] Cummins,J.(1979) Linguistic Interdependence and the Educational development of bilingual children
- [3] Dj. Kaiser (2018) Growing your own onion: Teachers as Writers of language planning and policy proposal (pp.1) Webster University.
- [4] Hudson (2000) – Assessment Concepts and Issues
- [5] Kaplan and Boldauf(2003)- Language and Language in Education Planning in Pasific Basin
- [6] Savignon,S.J(2018) – Communicative Competence. The TESOL Encyclopedia of English Language Teaching. Published by John Wiley and Sons,Inc.
- [7] Sh. Mirziyoyev (2020) his proclamation to “Oliy Majlis”
- [8] Shouhui Zhaou – Actors in Language Planning
- [9] t.meedu.uz/joinchat/AAAAAEX5-AudocFp7PIMcQ
- [10] (retrieved from) www.magoosh.com.
- [11] (retrieved from)www.edu.uz
- [12] (retrieved from)www.lex.uz