



OBAT Helpers' Global Learning Program

Khan Academy Online Education

Khan Academy is a free, web-based and interactive e-learning mechanism, accessible from any part of the world. It offers a unique way of engaging and teaching students. The process involves watching instructional videos based on class-related topics. This is followed by addressing a series of short questions. A score is awarded to students denoting the level of knowledge they have been able to acquire on the specified topic. Upon completion of a lesson or chapter, the awarded score becomes visible on the screen, which indicates successful completion of the lesson. Khan Academy is mainly used in Bangladesh by individuals. Institutionally, OBAT is one of the first organizations to introduce a formalized version of this program. Due to the absence of quality Math education in Bangladesh, OBAT focused on reinforcing this important academic area and started the Khan Academy program in its educational projects in the year 2019. This online education system was introduced specifically for the marginalized communities served by OBAT. It has been initiated in the cities of Chittagong, Dhaka, Rangpur, Saidpur, Khulna, Bogra, and Mymensingh. The program is operated in OBAT's IT and Computer labs which exist in the aforementioned cities.

Some of the students in OBAT's education program, most of whom were enrolled in the J.S.C (Junior School Certificate, grade 8) and SSC (Secondary School Certificate, grade 10) programs, were found to be struggling in Math. Khan Academy classes were the first exposure our students had to online education. Not only were they able to acquire quality education, they were also very engaged, as e-learning was something new for them, leaving them excited to learn each day.

OBAT's staff have noticed that students exhibit an increased level of excitement towards Khan Academy mathematics classes, in comparison to normal mathematics classes. This can also be gleaned from the level of attendance in this program which is close to 90-95% on a daily basis. The students are not as afraid of the subject and are more eager to take on the challenge of learning and excelling in Math

The parents and guardians of the students were also delighted to see their children benefitting so much from this program. Several visitors to OBAT's projects including scholars, local

representatives, government officials, and community leaders appreciate and praise this new initiative.

Md. Rahman Khan, A mathematics teacher from OBAT asserted, “When I watched the videos on Khan Academy for eighth grade mathematics, I realized that the syllabus created was a composition of 20% from sixth grade, 30% from seventh grade and the remaining from eighth grade. This makes the process inclusive of revision from previous classes and hence, more simpler to understand and grasp.” He also mentioned that, “The questions are arranged from low to high levels of difficulty which assists students in gaining confidence before they solve quizzes.”

Ms. Sangida Begum is in charge of Khan Academy in Chittagong. She shared, "Students enjoy the video sessions and solve questions with pleasure. This makes them very fluent in the subject. In 2021, we have different plans for this program. We have matched our NCTB syllabus with the Khan Academy syllabus to deem it more efficient and effective for our students.”

According to Jannat, a student from our class, “Khan Academy has proven to be of great support towards my education during the COVID-19 lockdown. I can easily learn online even when all schools and colleges are closed. This has assisted me in becoming more knowledgeable in the subjects of Math and Science. I have had a tremendous experience with Khan Academy classes.”



Masood



Jannat

Masood, another student shared, “I am a grade 8 student and I used to be very weak in Mathematics. After joining the Khan Academy classes, I have improved a lot and I am no longer afraid of learning Mathematics. Thank you, Khan Academy for the excellent support provided to us through online education!”

Students Details

Khan Academy Students Summary Bangladesh-2020												
Name of Institution	Location	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9	Class 10	Tutorial	Total Enrolled	Course competed
OBAT Engliash School	Dhaka	24	28	21	16	5	0	0	0	0	94	94
OBAT BLS	Dhaka	0	50	0	36	11	0	0	0	0	295	295
Tutorial	Dhaka	0	0	0	0	0	0	0	0	0	0	0
OBAT Junior High School SBN	Chattogram	0	0	0	66	88	44	0	0	0	198	198
OBAT School	Rangpur	0	0	0	20	0	50	0	0	0	70	70
OBAT School	Khulna	0	0	0	0	0	8	0	0	0	8	8
OBAT School	Syedpur	0	0	0	7	61	42	0	0	0	110	110
OBAT Tutorial	Mymensingh	0	0	0	0	0	0	0	0	11	11	11
Total		24	78	21	145	165	144	0	0	11	786	786

2021												
Name of Institution	Location	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9	Class 10	Tutorial	Total Enrolled	Course competed
OBAT Engliash School	Dhaka	0	12	46	10	0	12	13	0	0	93	
OBAT BLS	Dhaka	0	0	10	0	10	0	0	0	0	20	
Tutorial	Dhaka	0	0	0	0	0	0	0	0	0	0	
OBAT Junior High School SBN	Chattogram	0	0	0	107	100	139	0	0	0	346	
OBAT School	Rangpur	0	0	0	26	32	33	0	0	0	91	
OBAT School	Khulna	20	0	0	0	0	0	0	0	0	20	
OBAT High School	Syedpur	0	0	0	37	45	74	0	0	0	156	0
OBAT Tutorial	Mymensingh	0	0	0	0	0	0	0	0	9	9	
Tutorial Bogra	Bogra	--	--	--	--	--	--	0	0	0	0	
Total		20	12	56	180	187	258	13	0	9	735	

OBAT hopes to involve more students in similar initiatives of online learning. For this reason, we have been working to extend the presence and effectiveness of our computer labs in Bangladesh. OBAT is also planning to open new computer centers in Khalishpur, Gilatala, Halishahar, and Dhaka Mirpur Shaheen School.

We are utterly thankful to our donors and supporters for connecting us with Khan Academy and for gifting us high-quality, high-performance computers for our computer labs.

