Phnom Thom High School –

Computer Laboratory
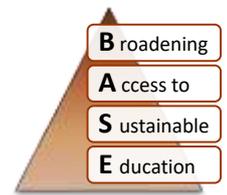
Facts

Name	Phnom Thom High School
Type of facility	Computer Laboratory
Number of students	813 (314 boys, 499 girls)
Use of funds	31 computers, 1 printer, 1 LCD projector, 2 air conditioning units, furniture
Budget	**USD 29,159**
Set-up period	May - November 2021
Project manager	Mr. San Som
Location	Phnom Thom Tbong Village O Prasat Commune Mongkol Borie District Banteay Meanchey Province Cambodia

Map

Description

Despite its growing tourism sector, Cambodia remains one of the poorest and least developed countries in Southeast Asia. Development is not evenly distributed in the country and many rural communities remain poverty-stricken as corruption and self-interest impede the country's growth. Phnom Thom High School is located in Phnom Thom Tbong Village, Mongkol Borie District, Banteay Meanchey Province, Cambodia, about 2.5 hours by car from Siem Reap city. The school building itself is in good condition and the school is well managed, but it does not have suitable facilities to effectively run its computer classes. This is especially detrimental to the students in grades 10 through 12 who are in the midst of preparing for life after they graduate. These three class grades have a total of 813 students (314 boys and 499 girls) aged 15 to 18. While they receive a good education, they are not equipped with adequate technological skills upon completion of their education. This is a major obstacle for them in progressing with further academic and/or professional pursuits. Currently, the school has just a handful of old computers, most of which are in a state of disrepair. Computer classes are currently being conducted using text books only, meaning that students do not gain any practical computer experience. The school would like to implement a practical computer training programme for students from grades 10 through 12, thereby giving them a better opportunity to advance in today's computer-reliant world and ensuring that they are not left behind.

Implementation

We therefore support the school's project by setting up a computer laboratory with 31 desktop computers. We will additionally provide one printer, one LCD projector and two air conditioning units, as well as appropriate desks. This will ensure the sustainable and high-quality delivery of computer classes, which will be taught to students in grades 10 through 12. The funding also includes ongoing training for the computer teachers. This project will have a long-term impact as basic computer knowledge is indispensable in today's labour market. Furthermore, it will improve the students' learning environment and increase their motivation as they see a practical and useful application of their education. The school will be responsible for arranging the purchase and installation of the new equipment, but we will offer support to ensure that the equipment is of high quality and that installation is carried out correctly. The students will contribute USD 0.25 per month to support the upkeep of the facilities, as agreed with the parents. We consider this a low-risk project. The school is located just off a main road, making it easily accessible during all seasons. The set-up and installation is due to begin in May 2021 and it is expected to be completed by November 2021.

Photos

Phnom Thom High School is in good condition and offers a welcoming environment

Budget

Item	USD	In %
Initial start-up equipment	22,669	77
Labour Costs	200	1
Education & Training	3,435	12
Monitoring & Implementation Costs	814	3
Administration Overhead Contribution	2,041	7
Total Budget	**29,159**	**100**

The current computer facilities are not sufficient to enable effective learning

The school management team discusses the project

This classroom will be converted into a modern computer lab