

# TANZANIA

## BIOCONSTRUCTION WITH BOTTLES SCHOOL IN KILIMANJARO REGION

INTERNATIONAL WORKSHOP BY BORN TO LEARN NGO



APPLY

Contact us by email and attach your CV | Portfolio  
[borntolearn.ngo@gmail.com](mailto:borntolearn.ngo@gmail.com) before 14 June 2015.

BORN TO LEARN

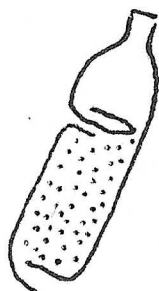
[www.borntolearnglobal.org](http://www.borntolearnglobal.org)

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# TANZANIA BIOCONSTRUCTION WITH BOTTLES

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### BORN TO LEARN | BUILDING PROJECT

BORN TO LEARN has started the process of the construction of its own school to improve its labour of giving free and bilingual education (English and Swahili) to the poorest communities in Tanzania. Precisely, the activity of the NGO is carried out in Mvuleni, a little village in the Kilimanjaro region. The main basis of this construction project are, on one hand, to reduce the dependence on the rented school where the activity is developed nowadays and, on the other hand, to provide adequate spaces for short-medium term educational needs of the NGO.

In this context, the NGO promotes an international workshop, both practical and theoretical, in which a limited number of participants will carry through the design and construction of one of the elements that constitute the whole school such as the classrooms, library, dining room, etc.

### BIOCONSTRUCTION WITH BOTTLES

The construction of the main structure of all the building blocks is being carried out using plastic bottles, filled with dry soil and sand, as a replacement for bricks. Therefore, the construction is sustainable, as an abundant solid waste which is difficult to eliminate is recycled and, at the same time, there is a reduction of the use of wood as fuel for brick manufacturing. The construction is being carried out by the parents of the students, who are led by the hired workers and an architect. Therefore, the participants will work with them in the construction of the buildings.

### WORKSHOP (7'September'2015 - 30'October'2015)

During the first week of the Workshop we will carry out the theoretical and conceptual part of the project, as well as the design. In order to accomplish this task we will divide the whole group of participants into several work groups which will share their design and ideas with the others to make a final decision.

From the second week we will immerse ourselves in the construction, in which we will work together with local workforce and the parents of the students. This is a very important phase of the Workshop because it all depends on the ability of the group to coordinate the teamwork on the field, in order to achieve the established objectives in the construction.

### ROOM AND BOARD

BORN TO LEARN manages a hostel in Moshi called Karibu Hostel. The main objectives of the hostel are, on one hand, to provide a source of income to the NGO in order to not depend completely just on private donations and, on the other hand, to provide accommodation for volunteers working on the project since, as mentioned above, they are a key point of the educational project that BORN TO LEARN has been developing for several years.

Karibu Hostel is located on a large plot close to Moshi city centre. It has 3 rooms with 6 beds, 1 room with 4 beds, 2 cabins with 2 beds each, a great terrace and a big garden with different spaces. Karibu Hostel is perfectly equipped with hot water, individual mosquito nets, fridges, etc. Furthermore, Karibu Hostel has a laundry service, , bike rental and a volleyball court.

Regarding the board, Karibu Hostel provides breakfast -consisting of fruit, cereal, toast, homemade pastries, eggs, fresh goat milk, juices, coffee and tea- from 7 to 9 a.m. during the week and from 8 to 10 a.m. on weekends and also dinner, from 6 to 9 p.m. which is a delicious mix between Tanzanian and Western dishes. On request, vegetarian and vegan menus can be prepared. As for lunch, it is taken to school, where the participants will eat together with the students and the teachers from Monday to Thursday at 12:45 p.m.

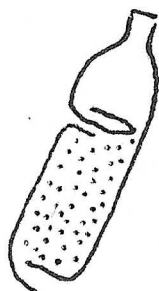
### INDISPENSABLE

- |                                       |                      |
|---------------------------------------|----------------------|
| - Sun screen                          | - Mosquito repellent |
| - Sunglasses and hat   cap   kerchief | - Drawing material   |
| - Swimsuit and flip flops             | - Torch              |

### TO BUILD

- Tools: Tape measure, hammer, pliers, etc. (Any other tool that you could bring will be very useful for the construction.)
- Building gloves.
- Comfortable work clothes and closed footwear. Girls should cover their shoulders, cleavage, wrists and knees.





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### COST

The total cost of the Workshop will be 964€ for 8 weeks on the field. It also includes a contribution to Born to Learn Building project to cover the expenses of the logistic and the construction tools needed for the development of the activity.

#### - INCLUDED

- Room and full board from Monday to Thursday.
- Room and half board from Friday to Sunday.
- Transport to the project by daladala (local minibus) from Moshi to Mvuleni (45min aprox).
- Laundry Service.
- Theoretical and practical formation.
- Participation certificate.
- T-shirt as participant in the International Workshop Born to Learn.
- Needed material of construction to carry through the process of building as well as different tools (peaks, spades, palettes, wheelbarrow, etc.)

#### - NOT INCLUDED

- Trip of the participant to Moshi, Tanzania.
- Visa and vaccination.

- IF YOU ALREADY LIVE IN MOSHI: The total cost will be 250€ to cover the expenses of the project, the transport from Moshi to Mvuleni and the lunch from Monday to Thursday.

### AGREEMENTS

Agreement with Universidad Politécnica de Madrid: Possibility of validation of 3ECTS and scholarship for International Cooperation. The applying should be done before travelling.

If you're a student from another university and there are already agreements with it for activities and travels for cooperation, inform us and we will help with the bureaucracy.

### USEFUL INFORMATION

**Traveling to Moshi:** Kilimanjaro International Airport, 35km away from Moshi, has flight connections with Europe, so it is the fastest travel option. Another option is traveling to nearby cities that have international airports like Nairobi (Kenya) or Dar es Salaam. From there, there are daily buses that go to Moshi bus station in 8-10 hours respectively.

**Visas and vaccines:** The tourist visa that allows being in the country for three months costs \$50 and it has to be paid to get in the country. The volunteer visa, which is needed to work as a volunteer, costs \$200 for a stay of up to 3 months, and \$550 for a stay up to two years. Regarding vaccines, yellow fever vaccination is the only mandatory one. There are other recommended vaccines such as cholera, typhoid fever, rabies, hepatitis A and B, etc. The area has a very low incidence rate of malaria, but it is better to visit one of the International Vaccine Centres for any enquiries related to vaccinations.

**Climate:** Tanzania has a tropical climate and being located in the southern hemisphere, summer months are from December to March, whereas Winter months are between June and September. Temperatures remain between 20-30 °C over the whole year, while rainfalls are concentrated in the little rainy season (November to December) and the heavy rainy season (April to May).

**Currency:** The official currency is the Tanzanian shilling (TZS). The approximate changes from other currencies are: 1€ = 2000 TZS and 1 US dollar = 1700 TZS. Some payments, like the fees to get into National Parks, and Visas are required in dollars. Basic consumer goods are cheaper than in most places in Europe, but touristic activities have fairly high prices.

**Sightseeing / tours:** Finally, you can find lots of attractive excursions near Moshi to enjoy during weekends or days off. For example, Materuni Waterfalls, Rau Forest, Chemka Hot springs, Lake Chala, etc. Moreover, Kilimanjaro National Park is only an hour away from Moshi and National Parks like Tarangire, Serengeti, Lake Manyara and Ngorongoro are about 5-7 hours away.