

Managhat Primary School Development Programme



April 2014



Progress to date

1. **Utilities.** The school's tap provided water to both the school and teachers houses for just a few hours each morning which was insufficient to meet the school's needs. Their water plan identified two other potential sources, a hand dug well and rainwater harvesting. To address the short term needs LTT and the community worked together to dig a well and install a hand pump. Initial work has started on the long term focus of developing a rainwater harvesting system. This is through the digging by the community of a pit 30ft by 10ft which LTT will then brick, and cement and turn into a ground water tank. Guttering will be attached to the Kindergarten and rain water directed to the pit.

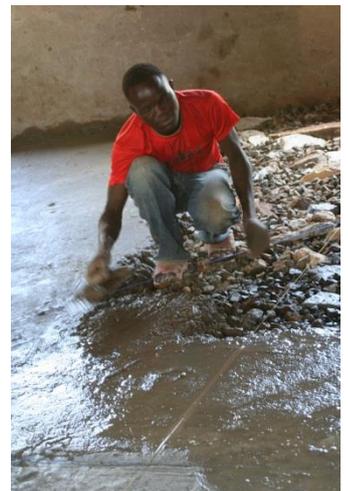
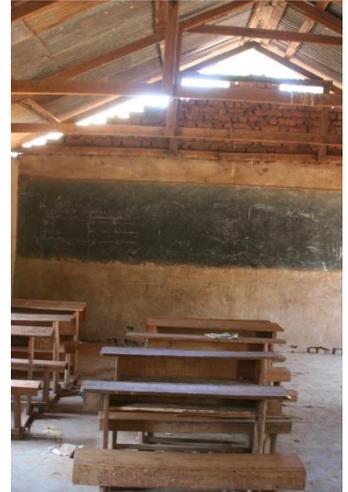
A grant was allocated to the community who elected to use the funds to bring electricity to the school. Electricity has been attached all the way to the kindergarten. An electric pump has been installed in the well to enable greater distribution of water.

2. **Buildings.** LTT and the School Development Committee developed a plan to renovate the existing classrooms and by so doing improve the learning environment of the students. 3 classrooms have had a full renovation, 2 have been painted. All 3 dangerous classrooms have been demolished and 1 kindergarten and a food store have been built on that site with space for a double sized room that can be used as a community hall until the demand for classrooms exists. New staff toilets have been built including a shower. The kitchen has been fully renovated and 2 fuel efficient stove ranges built. One teachers' house has been renovated. A tyre playground has been built. The local community have self-funded the building of new student toilets.

3. **Resources.** The book ratio has been a major concern at the school with 1 book between 8-10 students. LTT has to date purchased 590 and the Government added more books in January 2014. The new classrooms have teaching aids painted on the walls. The local authority provided 40 new desks hand LTT provided tables and benches for the Kindergarten and Year 1 students. Netball kits and balls and volleyball nets and balls have also been provided for the school that have put up their own posts. LTT also installed a hand washing facility. LTT are now supporting the wages of the Kindergarten teacher to the sum of TSH50,000 a month. The school has also received a computer which they must share with their community farmers. A photocopier plan is being developed to provide printing and copying facilities at the school which can act as an income generating scheme.

4. **Agriculture.** LTT funded on a loan basis the planting of maize and pigeon peas in the surrounding land. This has provided the school with their contribution to the feeding programme.

LTT has supported the building of a market garden where theoretical and practical agricultural lessons are held for students and community members.





The students grow food for sale and for supplementing their diet.

LTT has sponsored the beginning of a tree nursery which runs as a small income generation scheme.

5. **School Meals.** Prior to commencement of work LTT and the community agreed that the community and school would provide the students with a meal. In July 2013 this programme commenced and the first meals in 6 years were provided.

Outstanding needs

1. **Utilities.** The remaining aspects of the water plan needs to be completed with each building having suitable guttering directing water to large water tanks dug (6 in all). Once the water security is improved the school can reduce their dependency on pump and the water table. A solar panel would also be advantageous to the school so that it can reduce its expenditure on electricity bills and reallocate the funds to other priorities. The World Bank has also provided a water source that requires the school to pay on consumption. Consideration is being given to biogas scheme combined with a dairy project. In this way human and cow waste would be added to the biogas chamber to generate methane which would be piped to the kitchen and reduce the schools dependency on firewood and so reduce their carbon footprint. The bio slurry would be used to improve the soil of a second market garden that would provide further income for the school. The milk from the cows would also be sold to provide the school with an income.
2. **Buildings.** 4 classrooms need to be renovated with one new floors, plastered and painted walls and new fittings. One of these classrooms can be turned into a library/resource centre where students can come and study on their own. A Multi-purpose room needs to be built. In the long term the school will use them as classrooms but for the interim the space can be used for a variety of purposes such as a dining hall or an income generating community centre. The teachers' houses needs renovation work done to them to extend their life.
3. **Resources.** There is also a need for additional tables and chairs for the teaching staff. The school would greatly benefit from a printer/photocopier to enable them to do their school administration. A photocopier is also a vital part of this process as they can then preparer exams in house. The photocopier could be run as an income generating programme and photocopying services could be offered to other local schools.
4. **Teacher Training.** The programme for English language training is being reviewed and a bespoke course being developed.

