An overview of some of the activities in the Chisungu Primary School Project. Epworth, Zimbabwe

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This project has been running for nearly 3 years and many activities have been undertaken in both the school grounds and the surrounding outreach areas.

The project is regarded as a research and pilot project, looking at new technologies and recycling methods and how the school pupils can be fully involved.
Introductory lecture

The different types of toilet and how to recycle urine and compost - hand washing too!
Using models and flip charts
Straight into the practical with simple Toilet construction - Making concrete slabs, ring beams and simple structures
Toilet construction
Rising up the sanitation ladder at the school
Toilet construction - building an Arborloo
Toilet construction - building a small VIP toilet with door
Toilet construction - building a small spiral VIP toilet
Toilet construction
Building a full size spiral “Blair” VIP toilet
Building a corbelled brick pit lining
Protecting toilet floors
Floors and floor surfacing for school toilets
Making simple pedestals
Making simple hand washing devices
Urine collection
Modifying the existing boys urinal to collect and store urine
Urine collection
Collecting, storing and using urine from the boys urinal
Classroom experiments showing the effect of urine on plant growth
Experiments in recycling urine in the School garden - vegetables
Using urine to increase maize production
Experiments using urine to enhance the growth of trees
Using urine in the school woodlot to accelerate the growth of trees

Planting

March 2010

latest photo

November 2010
Planting a ring of trees around a toilet to tap underground nutrients

Planting 5th October 2009 and on July 21, 2010 (about 10 months growth)
Planting a single tree near a toilet to tap underground nutrients (mulberry)
Using urine to increase the growth and yield of banana
Outreach Projects include:
School project for the day - build a toilet structure in the community
Outreach Projects include:
Planting vegetables in homestead gardens and using urine as a fertiliser.
Open day – showing the community (and government officials) what the pupils have achieved
The Headmaster and us!
A lasting contribution to true development