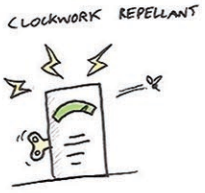
Above & Below: The design group working on prototypes of the mosquito trap.

Far Right: Fired clay Prototype

Right: Testing various fermented solutions as mosquito attractants.

Right: A selection of concept designs ranging from 'the practical to the especially whimsical'



Malaria Group
'Kwale Mosquito Trap':

Each student in the group had known a friend or family member to have died of the disease Malaria. Kwale district suffers from high levels of mosquitoes, each one a potential carrier of the disease.

The students were searching for a method of combating the spread of Malaria which could be implemented with free and readily available materials.

The design explorations of this group ranged from the practical to the especially whimsical (e.g. 'family planning for mosquitos').

It was noted that mosquitos are attracted to the fumes of the palm wine that is brewed in the area. This fermenting liquid was used as an attractant within a clay vessel that was designed to reduce the possibility of the insect escaping once inside.

Malaria Group, 'Kwale Mosquito Trap'

- 100% Natural Mosquito Trap
- Utilises Palm Wine (fermenting solution) as attractant.
- Tapered opening and wide bowl allows mosquitoes entry whilst reducing chance of escape.
- Can be freely appropriated
- 2-part design allows for observation and cleaning.