

## 4. Kubelenga Na Kulima (To Read and Garden), Zambia

- Local partner: Child Youth Intellectuals for Change (CYIC) (#226)  
A youth-led, non-profit organization established in 2017 to promote literacy, environmental sustainability, and community resilience. Edwin Mulongoti Primary School is currently benefiting from the Kubelenga Na Kulima project conducted by CYIC, promoting sustainable agriculture through tree planting and gardening.
- Project budget: \$1,584.77 (JWF Fund: \$1,500, implementing organization: \$84.77)
- Number of beneficiaries: 2,127 (20 men, 15 women, 2,092 children)
- Background:

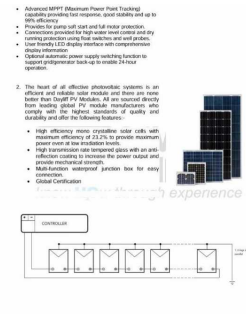
Despite having a mechanized borehole system, the school faces persistent water shortages. Frequent power outages by electricity supplier ZESCO significantly limits the ability to pump and store water, resulting in empty tanks and inadequate water supply. The water scarcity leaves toilets without water and creates an unhygienic environment. The orchard and garden that provide the school's nutrition and environmental education are threatened. CYIC recently donated a fourth water tank to boost storage capacity, but the lack of consistent water pumping due to power outages remains unresolved.



Pupils showing up to water the garden, but no water



Water storage tanks supplied by an electric submersible pump



Proposed solar power system

- Details of the project:
  - Installing a solar-powered pump to replace the electricity-dependent borehole pump. Solar panels will be installed to power the pump, ensuring continuous water supply despite power outages.
  - One solar power system training session, two hands-on training sessions on effective water management practices for school staff, four interactive hygiene education workshops, four outdoor lessons on environmental club activities, and hands-on demonstrations for pupils and teachers
  - A School Water and Sanitation Committee (SWSC) will be formed, including teachers, PTA members, and older pupils. The SWSC will oversee daily operations, monitor facility use, and coordinate maintenance tasks.
  - The PTA and parents will mobilize resources (funds and materials) to support repairs and upkeep
  - The community will be involved through volunteer support for maintenance, gardening, and awareness activities