Digital Drum 2.0
-> USER_qualities

BIG public screen:
- can serve a crowd of 10-30 people
- ideal for training situations
- village TV / VJ-screen -> grabs attention!

Solar or AC powered:
- power cable protected by hollow steel profile

Wi-Fi hotspot:
- accomodates use of smart phones & tablets
- MAY facilitate local radio production +++

Loudspeaker:
- big enough to hear a Ted-talk
- small enough to avoid "noise-overload"
- will also provide audio for the crowd
  -> already seen used for dancing lessons:-)

Dividing walls:
- creates personal space
- reduces noise / distractions
- can be decorated by the youth

16inch workstation screens:
- increased size = happier user
- protected by anti-scratch plexiglas:
  -> can be touched, leaned on, cleaned +++

USB-hub:
- phone charging
- saving & sharing files
- mic-input for VJ´ing, Skype +++

Circular smooth table plate:
- accomodates multiple users
- shape & color advocating informality and fun
- extremely rugged [can be jumped on...]

Standard [second-hand] oil drum:
- recognizable item with high emotional value
- ROBUST: random "kicking" won´t cause any damage
- can be decorated/customized by the youth

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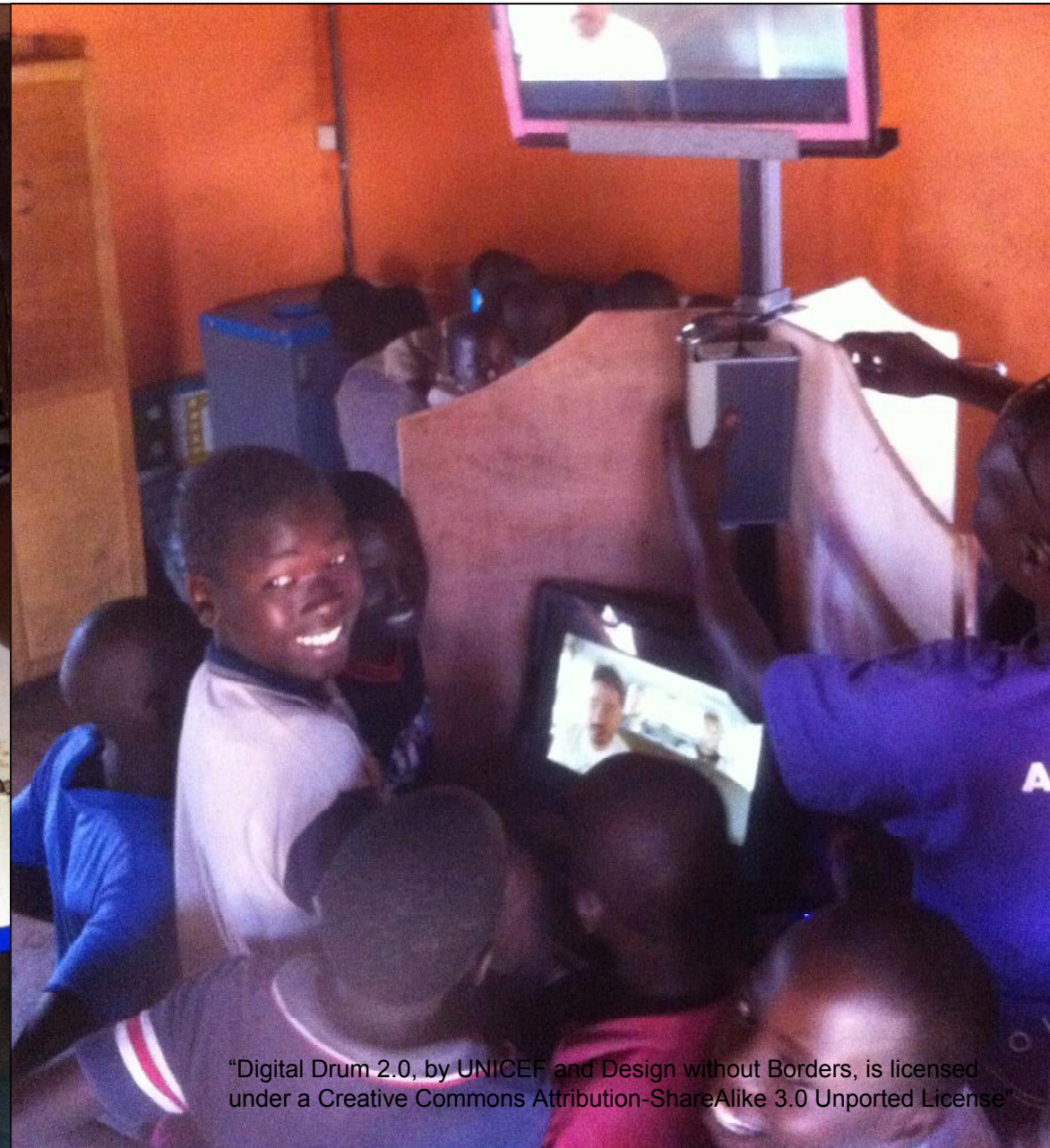## -> TECH_qualities

COMPETITIVE FEATURES:

- robust, reliable and relevant design
  [co-created with actual users]

- cheap and available structural elements
  [oil drum, steel profiles, hardwood]

- extremely power-efficient electrical components

- cheap; production cost <1500$ (all included)

- can be deployed in one day

- module based to simplify maintenance / repair

- Solar or AC powered

- preloaded with educational multimedia content
  and games

- modular design with optional extras:
  - ¤ AC outlet
  - ¤ additional solar power
  - ¤ Android version
  - ¤ Internet connectivity ++

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-> prototype has been tested, re-designed & improved a number of times