## Mosaic of Learning Experiences. Xai-Xai, Chongoene, Mozambique The School as a Playground for Learning

Francisco Mustieles Granell Universidad Iberoamericana de Puebla **Astrid Petzold Rodríguez** Universidad de las Américas Puebla **Edwin González Meza** Universidad de las Américas Puebla Miguel Ordaz Quiñonez Universidad de las Américas Puebla

## **Abstract**

The school is the fundamental collective core for reducing vulnerabilities and social inequalities in a country where "the 70% of the population lives below the poverty line. In Mozambique, one in five children has not had access to a formal education; preschool education is neither compulsory nor free...and 14% of children between two and nine years are disabled" (Archstorming, 2019).

Used to interact in the shade or outdoors, this proposal takes up local habits that recall the etymological origin of an *aula*: A school as a <u>Playground for Learning</u> where classrooms become courtyards and viceversa, as the etymological origin of the word *aula* (classroom) in latin.

## **Components:**

- -A mosaic with space-time, autonomous and versatile units for learning.
- -Expandable classrooms for indoor learning.
- -The haptic surfaces for outdoor learning.

- -Territorial covers referencing the traditional roofs of Mozambican rural architecture.
- -A backbone of the school as an escalated condensation of public / collective spatiality.
- **-The guide bands** as a spatial representation in the school of territorial reality (rural, urban and countryside).
- **-A leaning tower** as a territorial milestone to be perceived visually and audibly (territorial doorbell).

## **Resources for Accessibility**

- -Ramps / sloping floors all over.
- -Band for the blind sidewalk.
- -A system of signals in Braille.
- -Conditioning of the multipurpose room for various disabilities: autism, reduced mobility, partial or total blindness, etc.

The role of the community in this process is to provide more of its local educational experiences to design the interior of the classrooms and of the exterior spaces, and of course to participate in the construction.

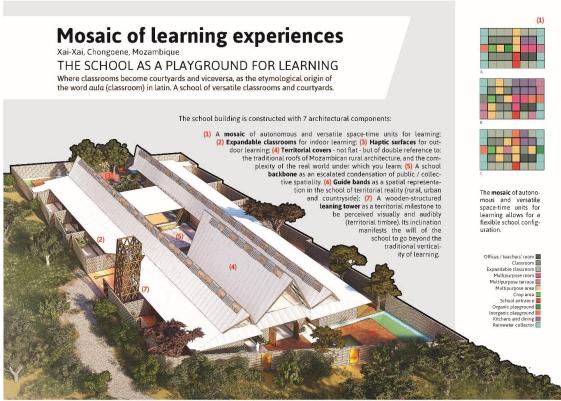


Figure 1. Aerial northeast view.

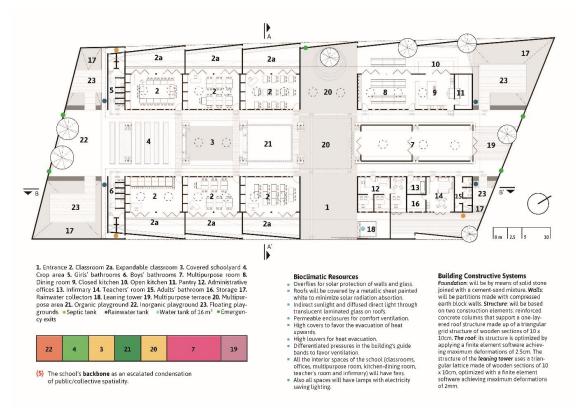


Figure 2. Ground floor.



Figure 3. Renders and sections A-A' and B-B'.