Philosophy:

1. Design methodology - changing human behaviour
2. Maximise resources - multifunctional design
3. Brave new world - experimental approach
Nested Bunk Beds
static space

mobile space
stacked  sofa  grandstand seating  5 beds
HELPING HAND AIDS ORPHANGE – WELLINGTON

PLAY / SLEEP AREA – 70SQM SLEEPS 20 KIDS
Safmarine Container Projects
row of green trees filters morning sun

gap in roof act as heat buffer

deep patio eave shades afternoon sun

vertical green wall shields play area against SE wind

windows on both sides for cross ventilation
**desk**
- for drawing and writing

**chair**
- seat for reading and...
- paying attention to teacher

**storage**
- pencil tray
- book shelf inside
- stackable
Design Philosophy:

The combination of a market and a restaurant provided an unique opportunity to tell the story of food in its full cycle, allowing us to introduce relevant ideas such as urban farming and sustainable technologies into the narrative to enhance the concept.
Concept Diagram:

- **Market Arcade:** semi-covered arcade with solar panels on top as power source and shading device.

- **Market Stalls:** the stalls are made of prefab panels that can be dismantled and reused elsewhere.

- **Moyo Restaurant:** restaurant to adapt responsible business model, serving food sourced from sustainable farms in the SA.

- **Urban Farm:** on-site urban farm uses aquaponic system to produce fresh greens and tilapia fish for the market and restaurant.
Bellville Children’s Library
Library as a place of knowledge

+ 

Library as a place that celebrates the joy of reading
Design Concept

We want to create a variety of reading spaces for the kids to choose from.
Concept Diagram: We have divided the library into 3 zones to highlight the different age groups that use the space.

Zone 1 - Toddlers
Zone 2 - General
Zone 3 - Teens
Concept Diagram: The first layer is for the toddlers, complete with its own ‘reading-pen’ - an informal, yet secure playpen-like area filled with age-appropriate books and drawing facilities.
Concept Diagram: The second layer is a small stepped amphitheater for story time and general reading area for everyone. This includes private reading booths by the back windows.
Concept Diagram: The third area is for teens and young adults. It includes formal reading tables and a reading lounge.
Zipzap Circus School
Zipzap Circus School - a new building typology:

CIRCUS [MAGIC] + THEATRE [DRAMA] + SCHOOL [EXPERIENCE]
Concept 1 - Capturing the magic of circus:

Iconic form of the circus tent  →  Zipzap Circus School
Concept 2- Capturing the magic of circus:

Vibrant colors of the circus tent

Zipzap Circus School
Concept 3- Bringing the drama of a theatre:

Shakespeare Globe

Zipzap Circus School
Concept 4- Multifunctional space for unique learning experiences:

- Trapeze practice
- Coffee shop retail space
- Banquet
- Theatre performance
- Movie night or theatre
- Workshops
- Party
- Community forum
- Street market
Cape Town Science Centre
Facade Concept: Fractals
Thank you

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