



Capturing the essence and intent
of a school through pre-design

Marist College

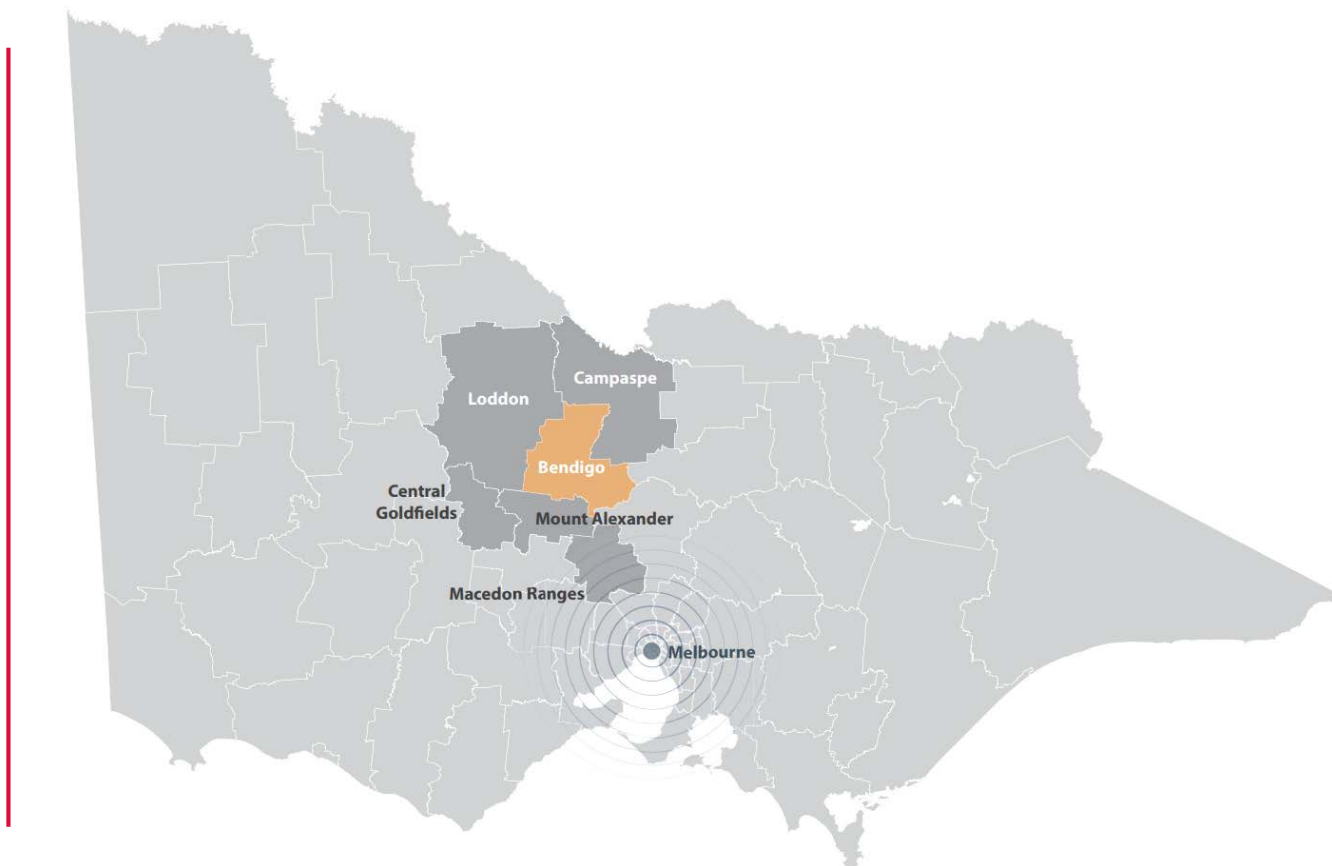


matt@y2architecture.com.au
salterator@iequalsdpluse.com.au

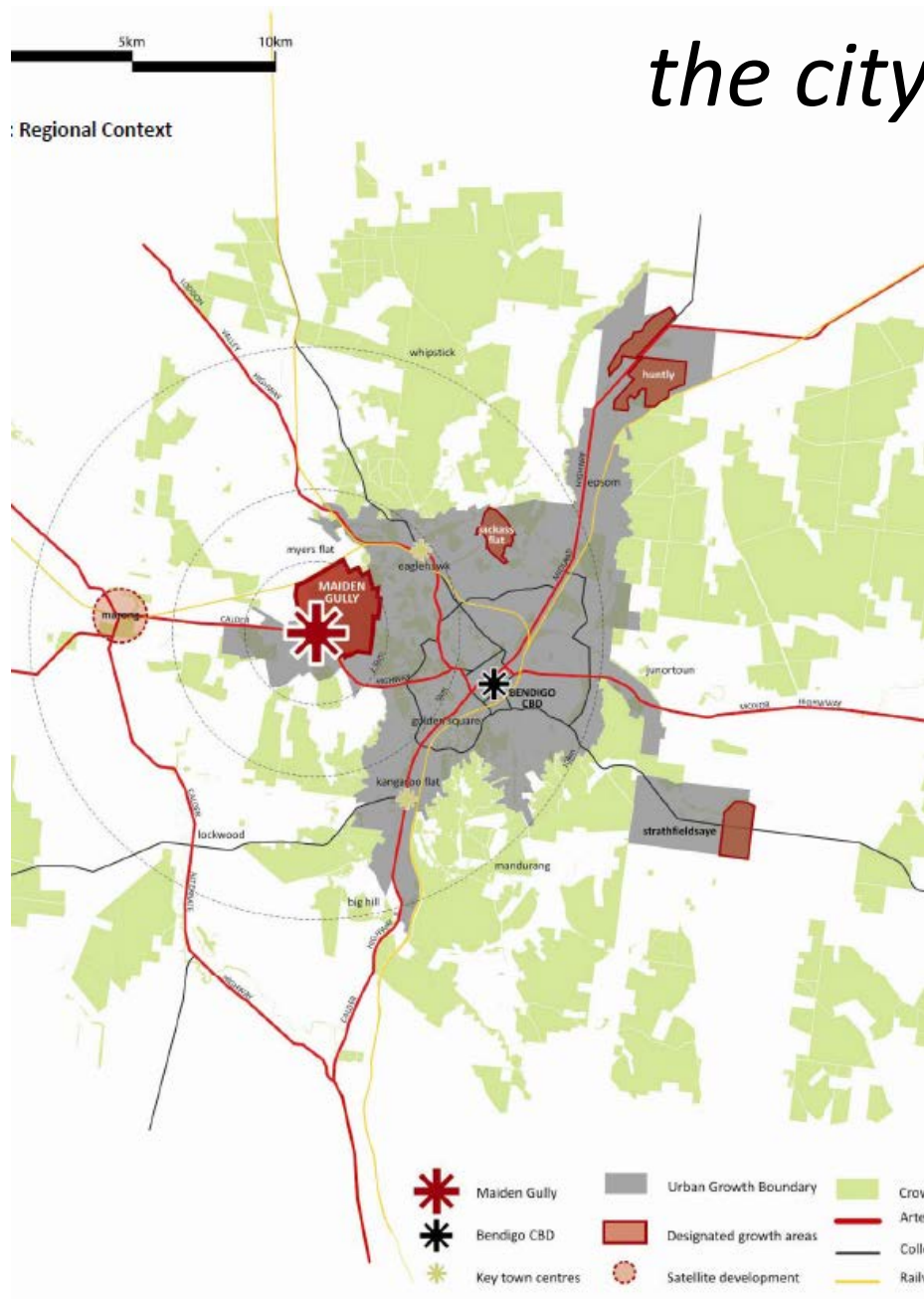


oak grove l'Hermitage

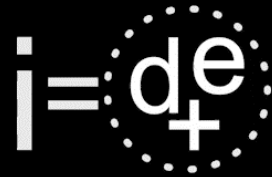




the city in the forest



Building an Education and Design story



A quick look inside



Empowerment + Voice



Participatory Design

Alignment for success

- school intentions (Ed goals, motivations)
- organisational features (resources, aspirations, cultures)
- physical setting

(Alterator & Deed, 2018; Gislason, 2018; Cleveland, 2018)

Participatory Design

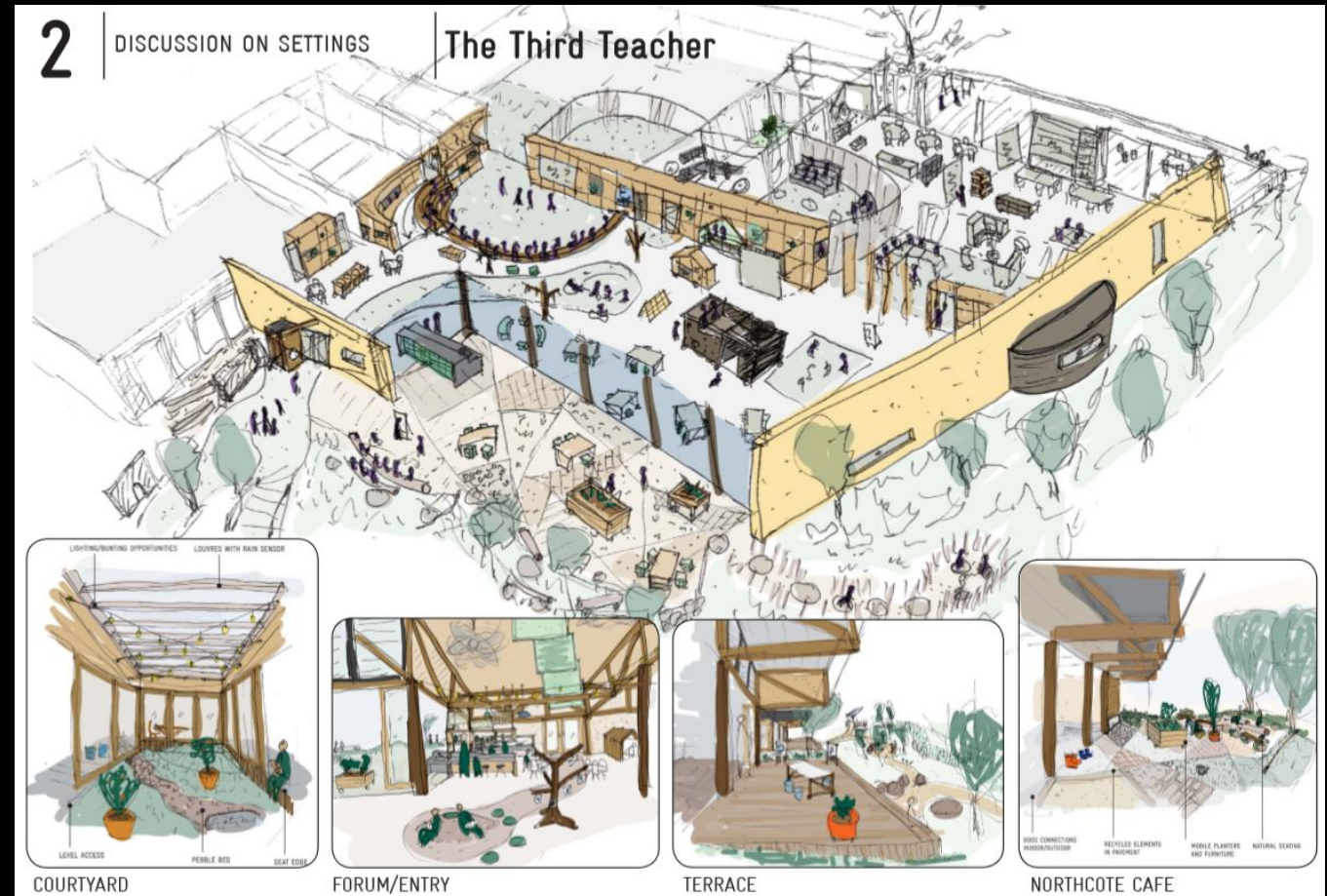
Four principles (Woolner, 2018)

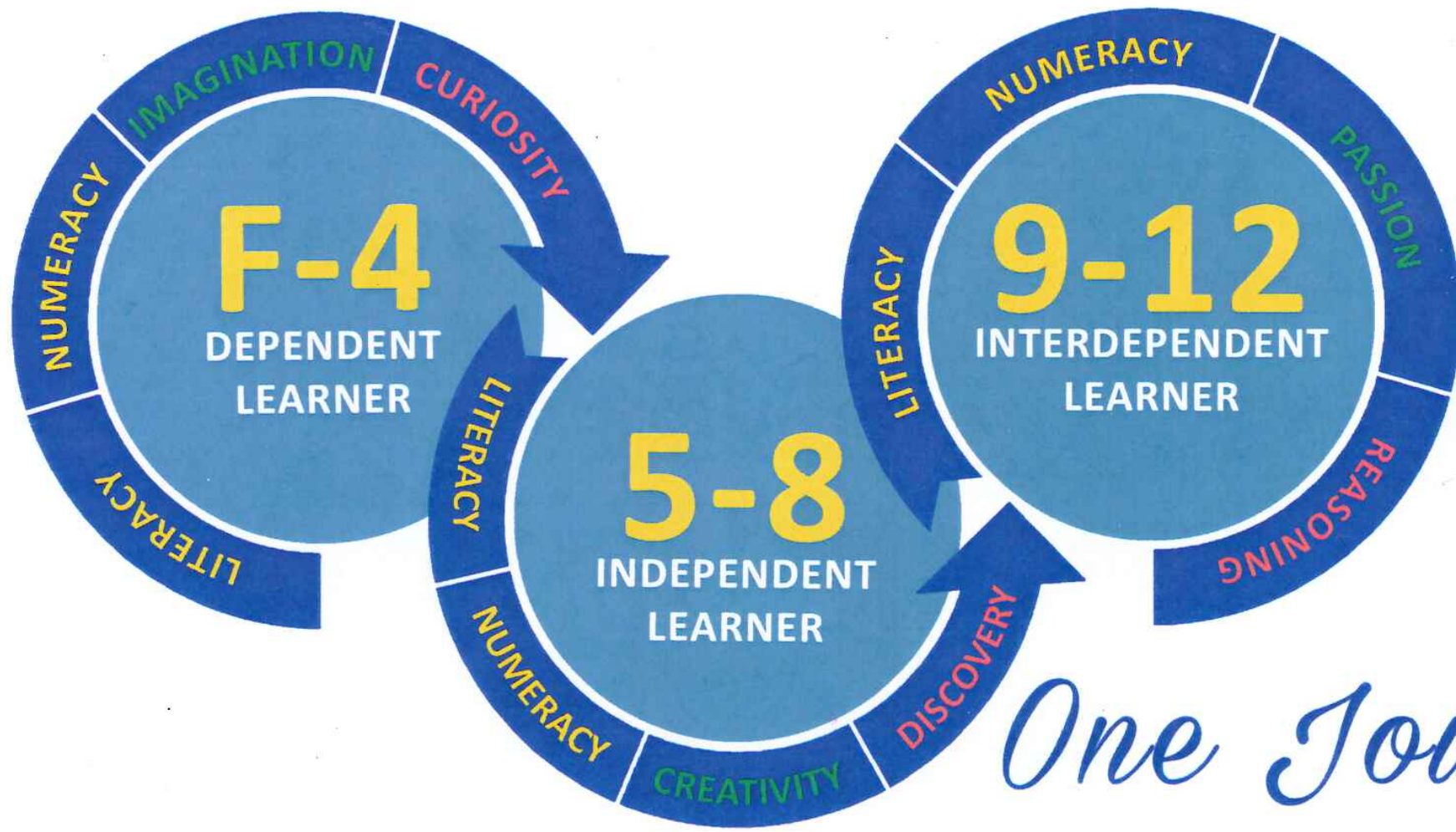
Start where the people are at
(mentally & physically)

Understand the intertwining of
physical, organisational and
social aspects of school
environments

Facilitate the exploration of
ideas and possibilities

Appreciate the complex lengthy
process that is change

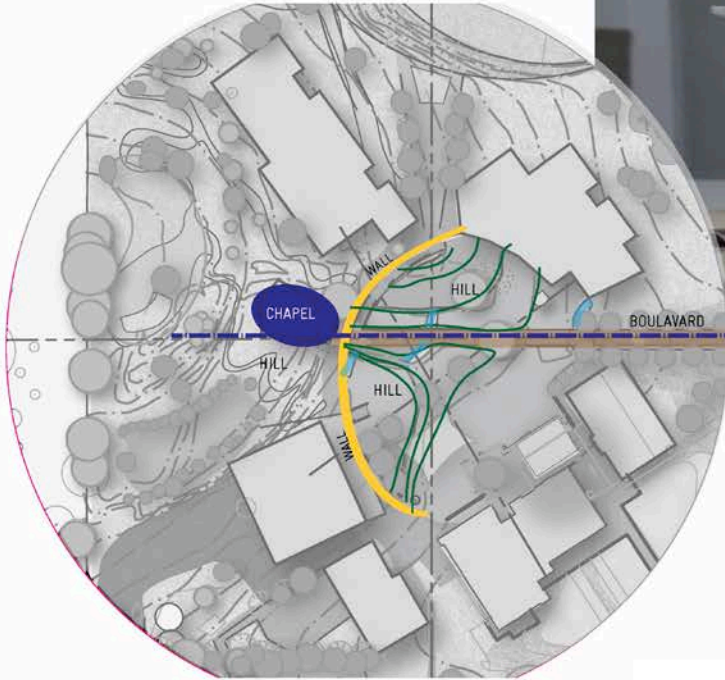




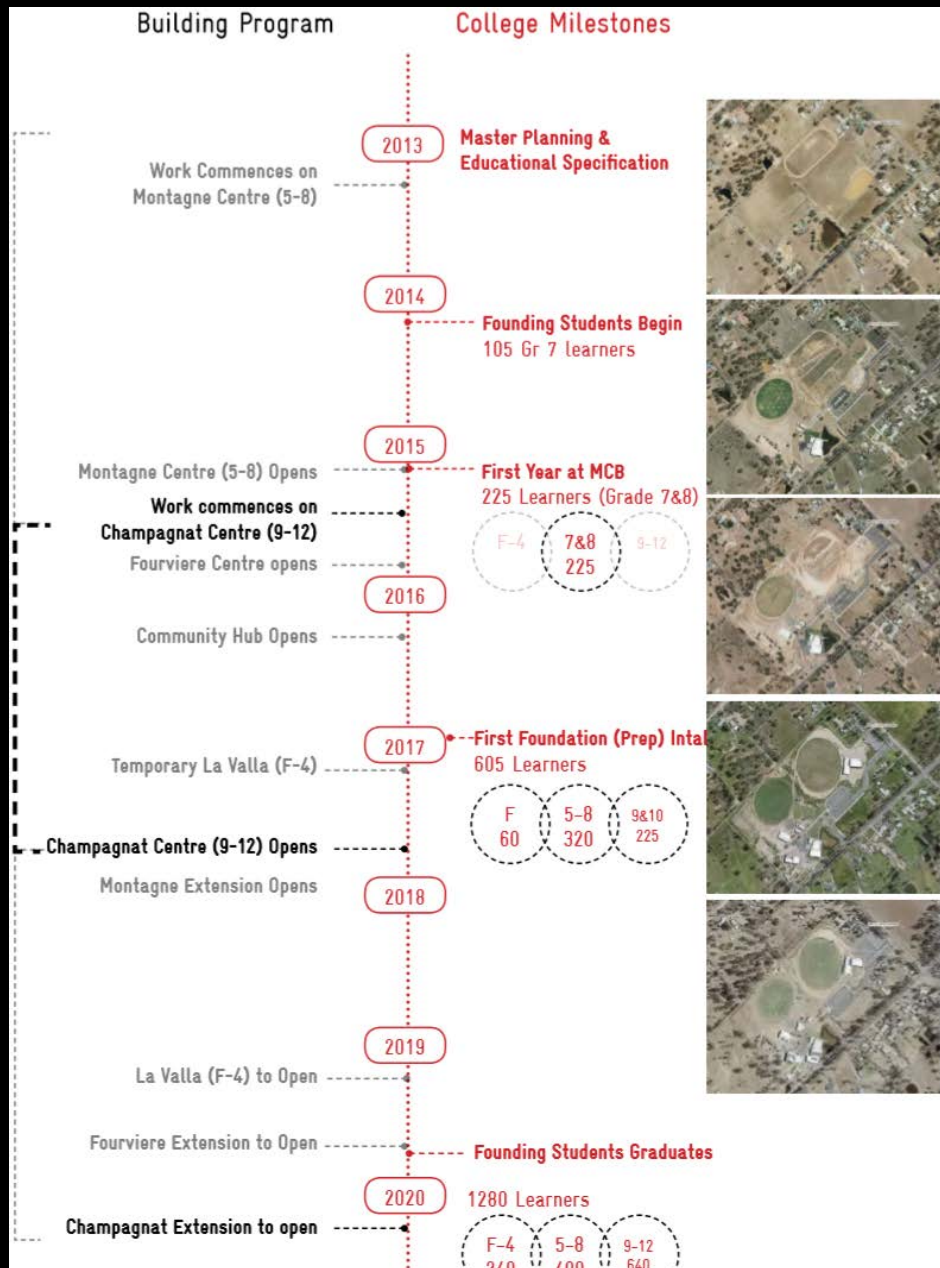
One Journey



MARIST COLLEGE BENDIGO
MASTER PLAN | The Wall







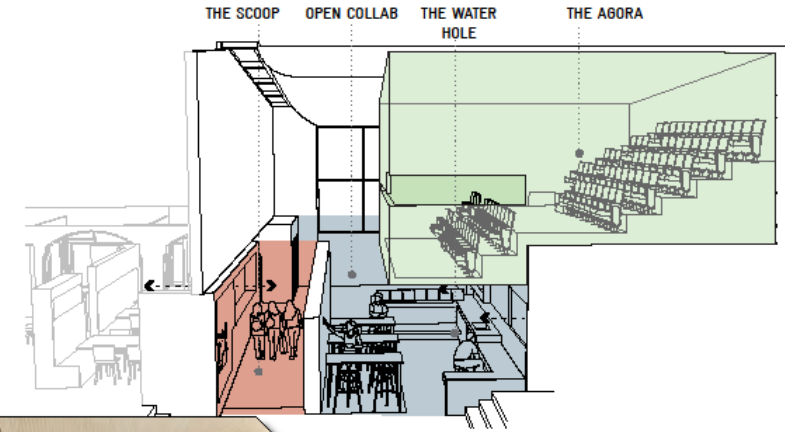
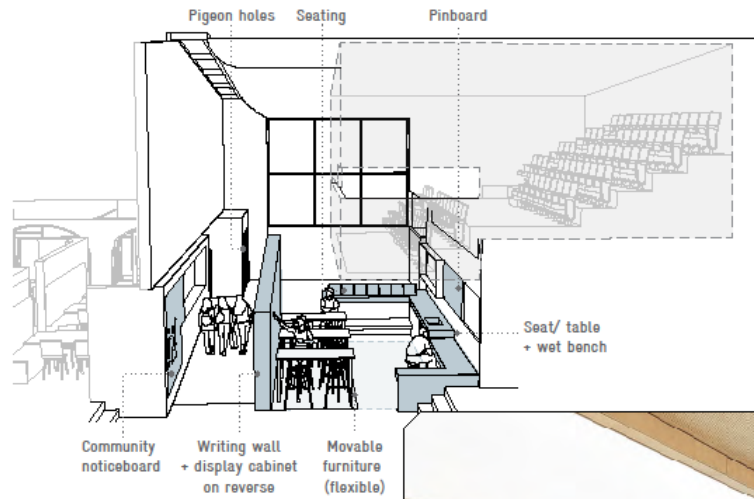
Staged approach

6 years+

1 architect

1 principal

Educational Environment: Senior Science - Collaboration Hub



CONNECTIONS TO MARIST HERITAGE

Using volume to create a welcoming entry that makes connections between levels and is tied to the Marist Foundations in France



STUDENT CONTROL

Spaces support technical and conceptual activities with students assuming authority over furniture and walls

MOBILE FURNITURE

A degree of flexible furniture allows students to generate spaces to suit their needs/ preferences.

STUDENT AGENCY

Variety of settings for mixed sized consultation and peer selected study groups

MULTIFUNCTION USAGE

Within a scientific framework, the space provides a range of activities including wet area experimentation, lab preparations and instrument use along with conceptual work

SCIENCE HUB

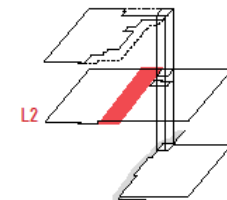
Science at Marist requires technical mastery and collaboration as part of PBL and learning in senior years

PREPARATION LAB

Visibility of the tech lab makes all stages of science learning visible to students

SPACIAL QUALITIES

Creating a stimulating learning environment with multiple focus points through volume and texture variety and loads of natural light.







Supercharged practice

Knowledge development
Combined expertise
Different perspectives



Enablers + Constraints
Educators Voice

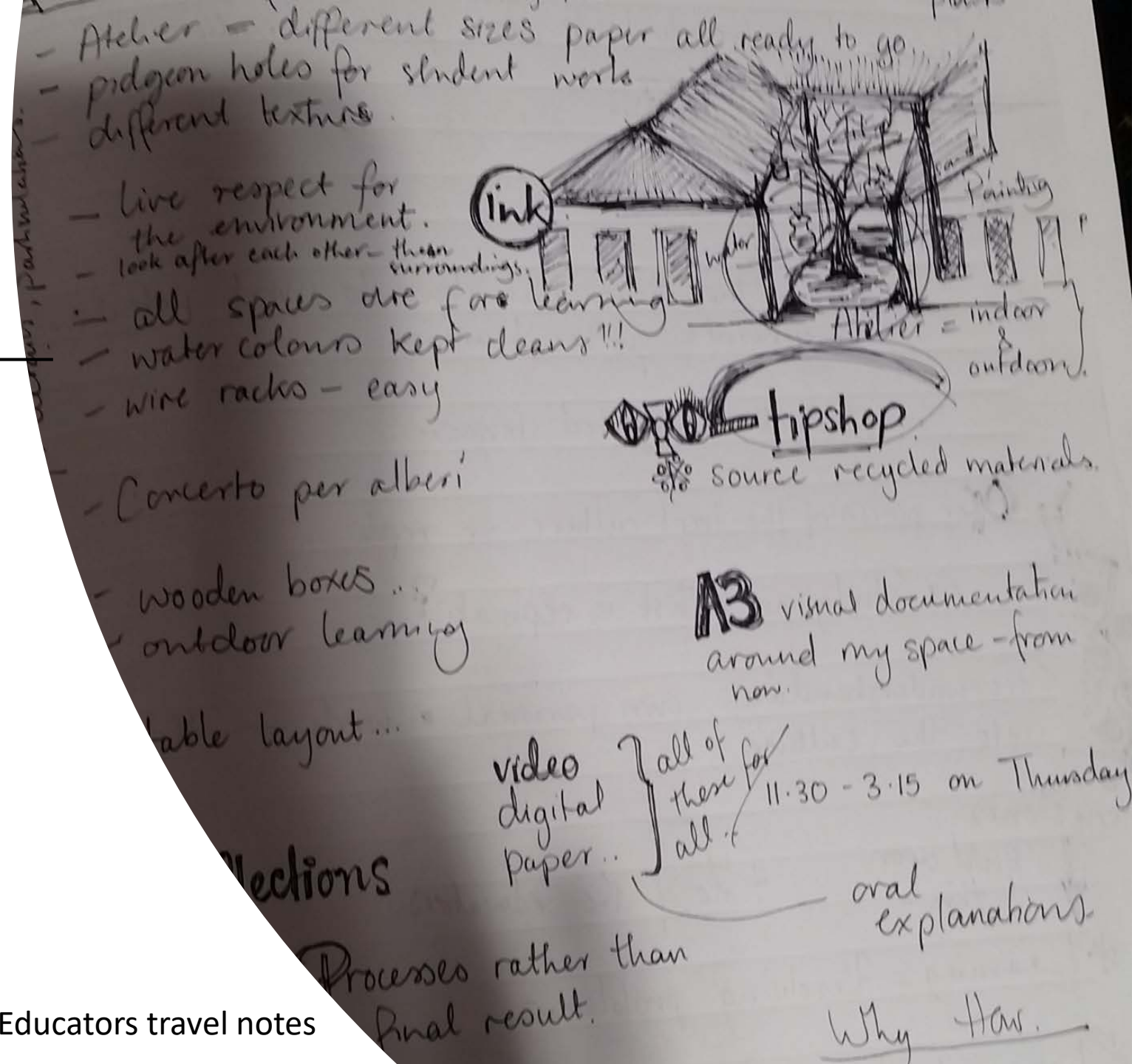


Human Centred Design;
Participatory principles;
Empowerment + voice

La Valla

- Reggio Emilia
- Child | Environment | Teacher
- Active, exploratory and agentic
- Progressing to PBL

Educators travel notes

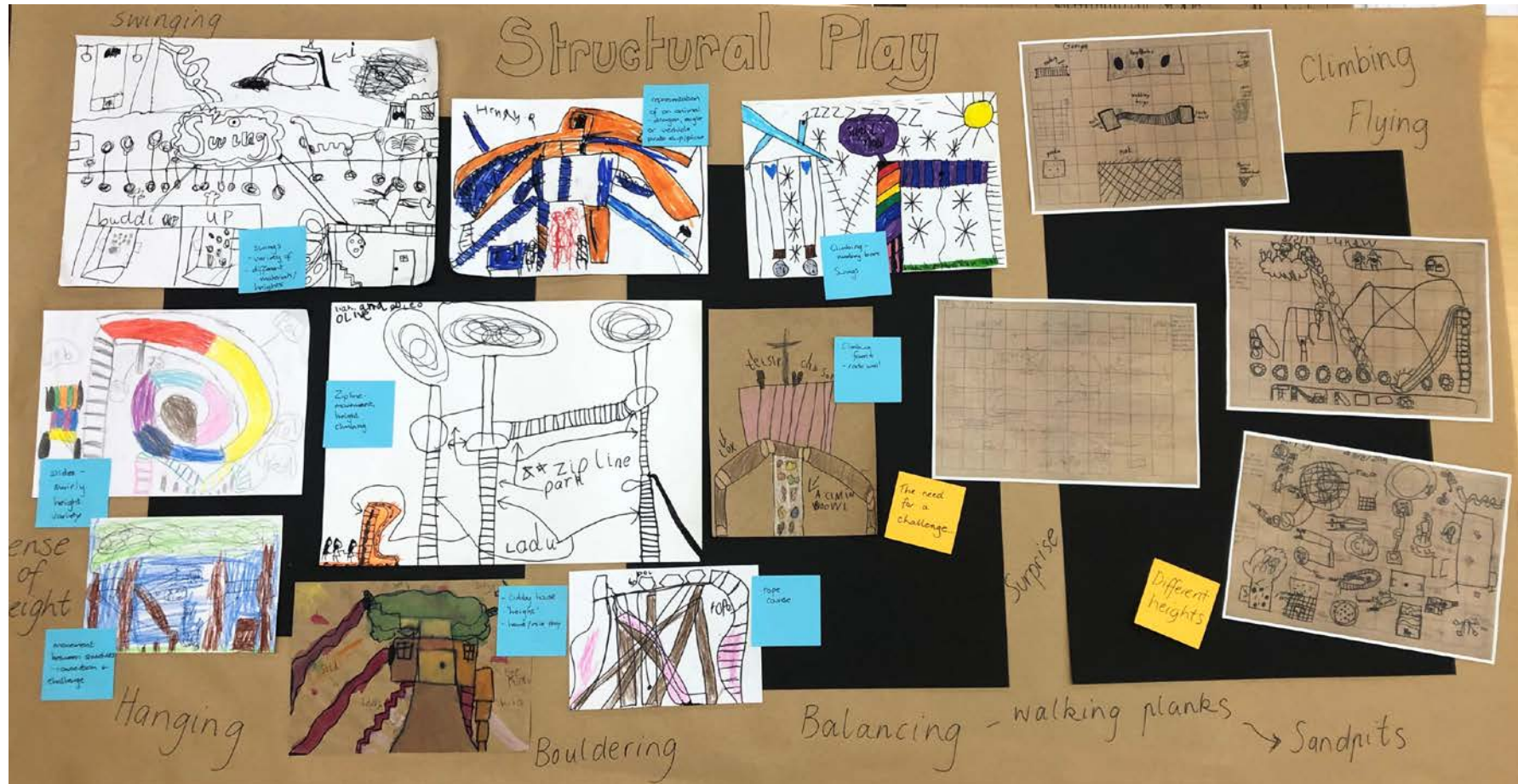


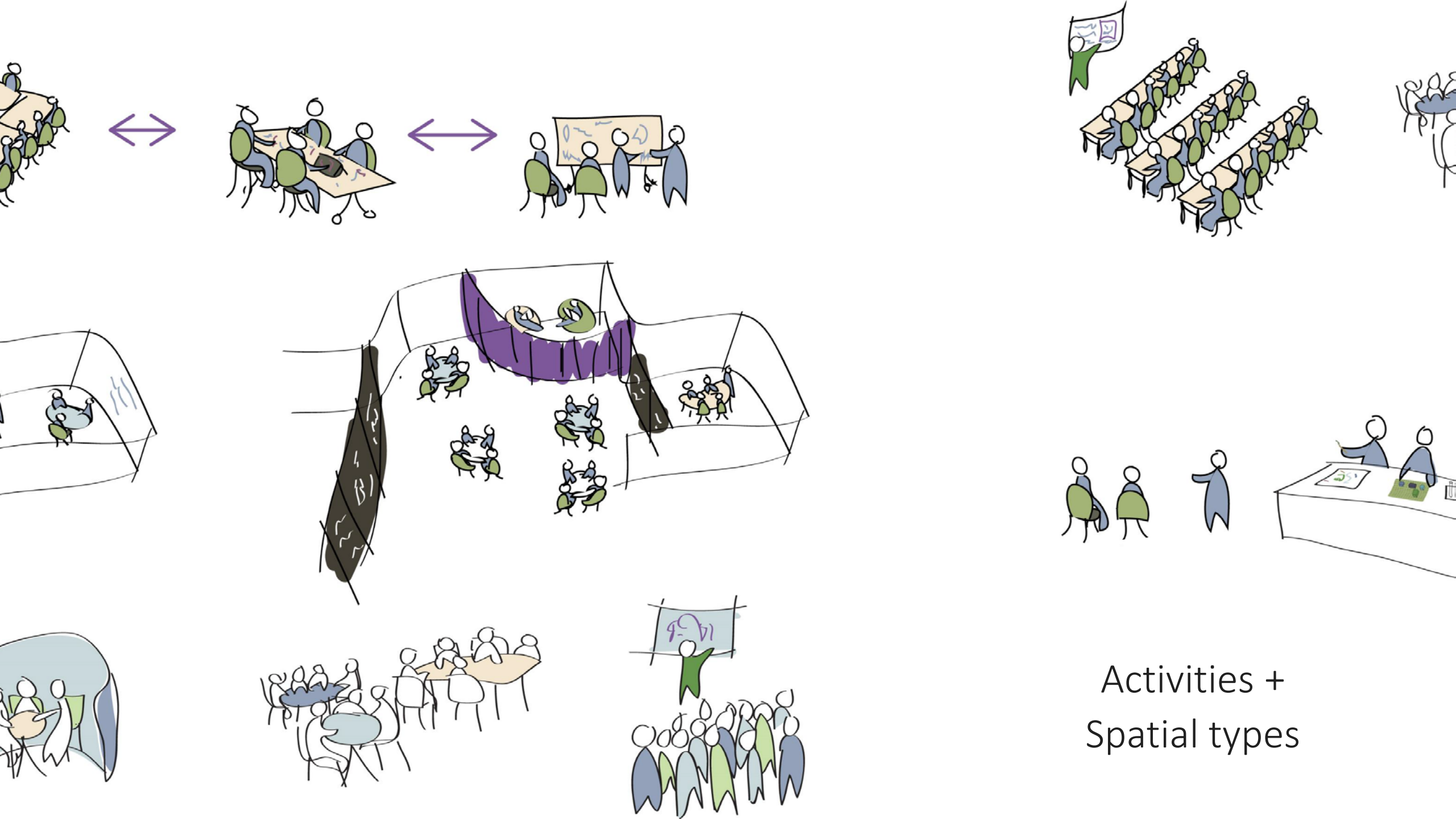
Bluesky

- Current state
- Possible futures
- Education utopia

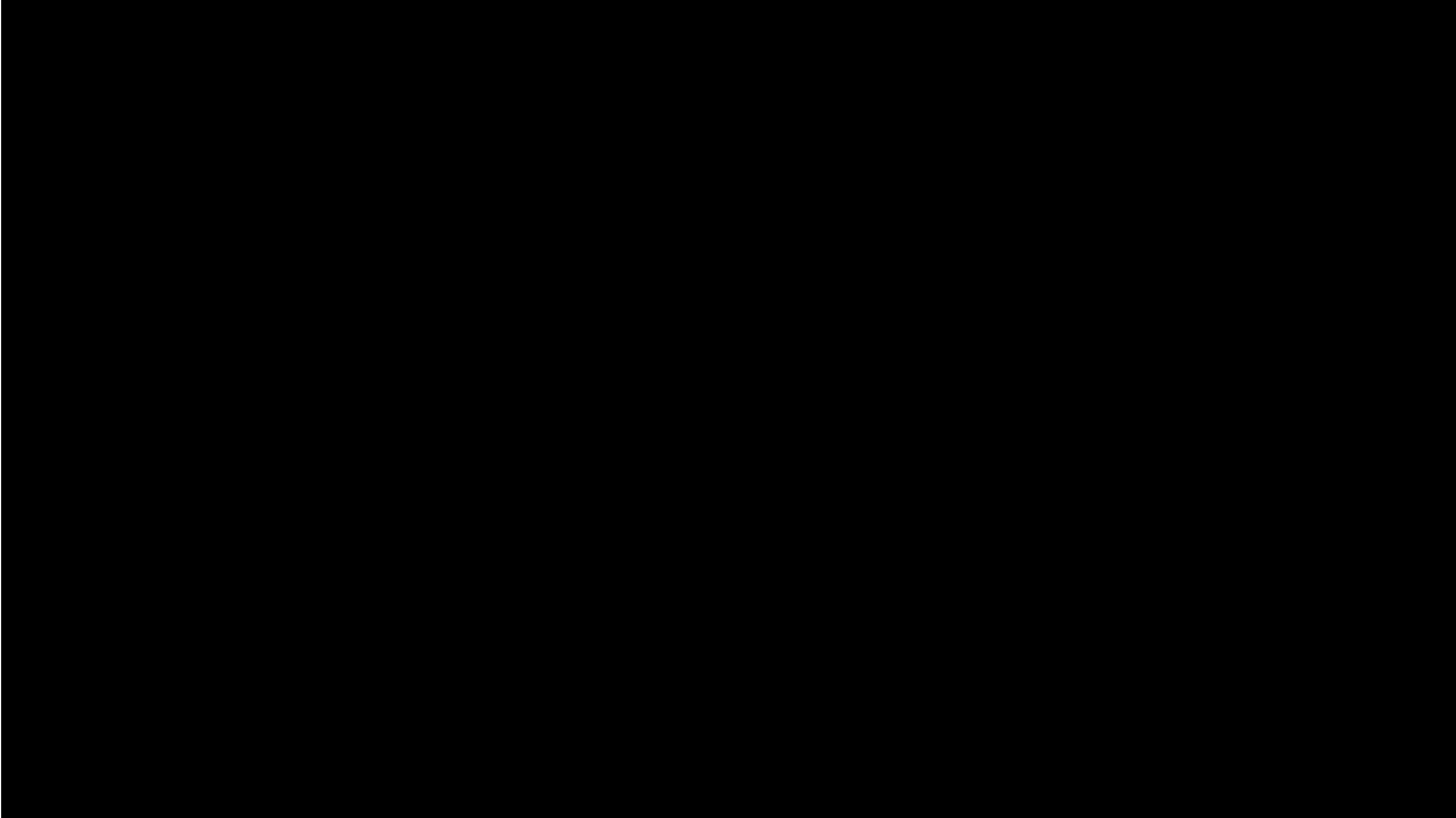


STUDENT VOICE





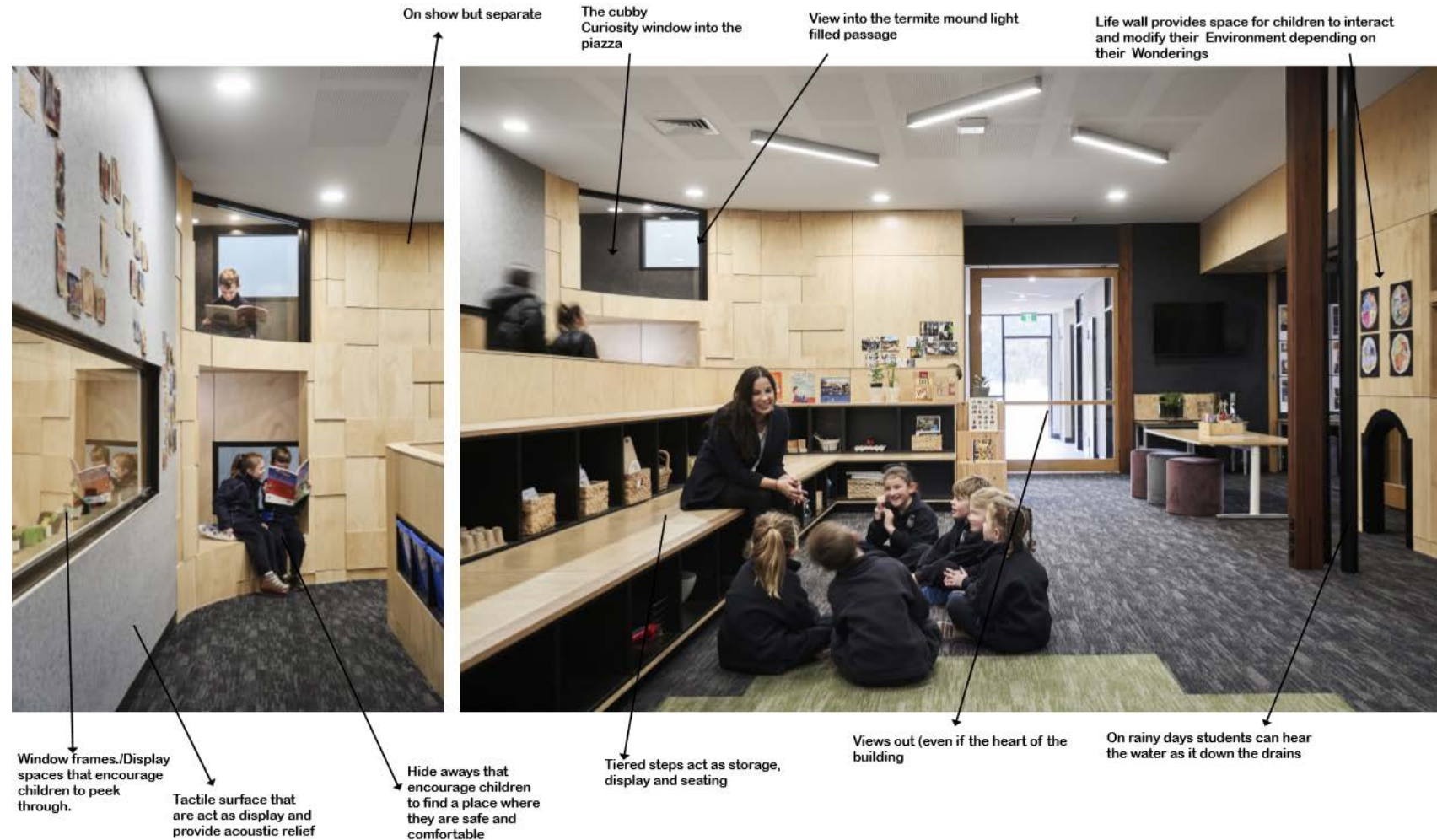
Activities +
Spatial types



Spatio-temporal mapping

Insights

- Collaborative process
- Genuine presence through the design process
- Iterative thinking on architecture and education
- Learning for both disciplines
- Ownership
- Occupation enhanced by this process



REFLECTION