

A Science Space for Sharada

HS Anhalt x Sharada School





"TRANSPARENT, MULTIFUNCTIONAL, SUSTAINABLE"

Building design for the science school building

"Sharada" - Science Building

- 250 m², solid construction
- Reinforced concrete trowel (earthquake)
- Exterior and interior walls made of clay and burnt bricks
- Wooden windows with folding mechanism
- Flexible hinged and sliding doors for expansion when space is required
- Modular construction possible: classroom, foyer, library and quiet room as well as school garden and WC
- Transparent and efficient floor plan



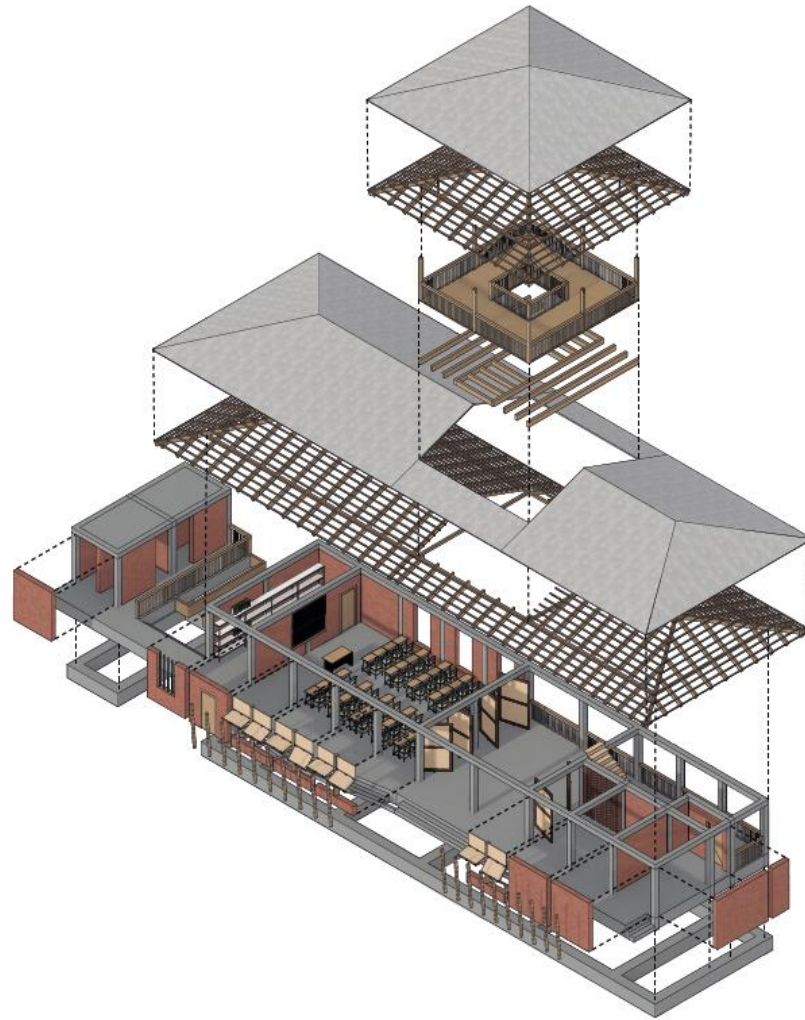
Two floors

Gallery on second floor

Restrooms at the back

School garden

Storage

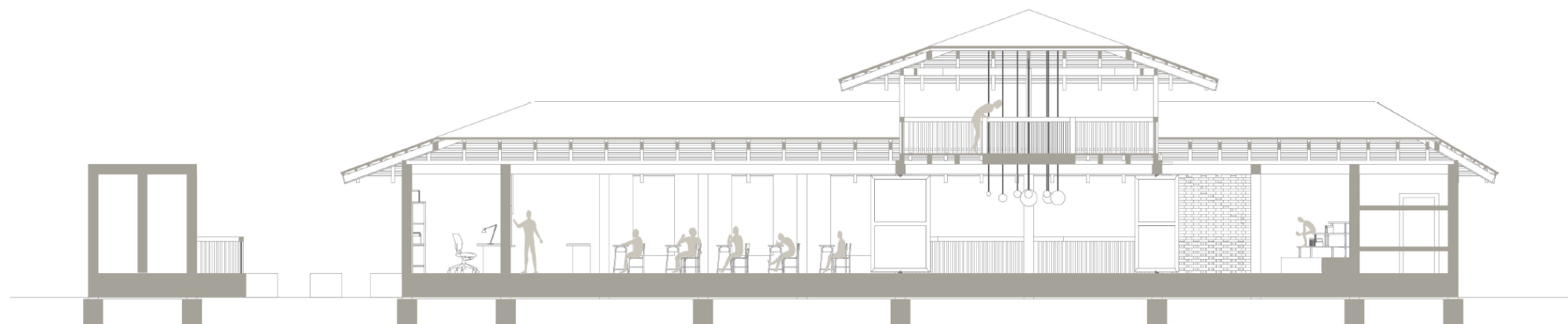


Classroom

Lobby in the centre

Library and

Relaxation room



toilets
14,00 m²
150,70 ft²

school garden
30,00 m²
323,00 ft²

storage
14,00 m²
151,70 ft²

multifunctional classroom
61,00 m²
656,50 ft²

lobby
39,00 m²
420,50 ft²

library
14,00 m²
150,70 ft²

quiet area
7,00 m²
75,40 ft²

toilets
14,00 m²
150,70 ft²

school garden
30,00 m²
323,00 ft²

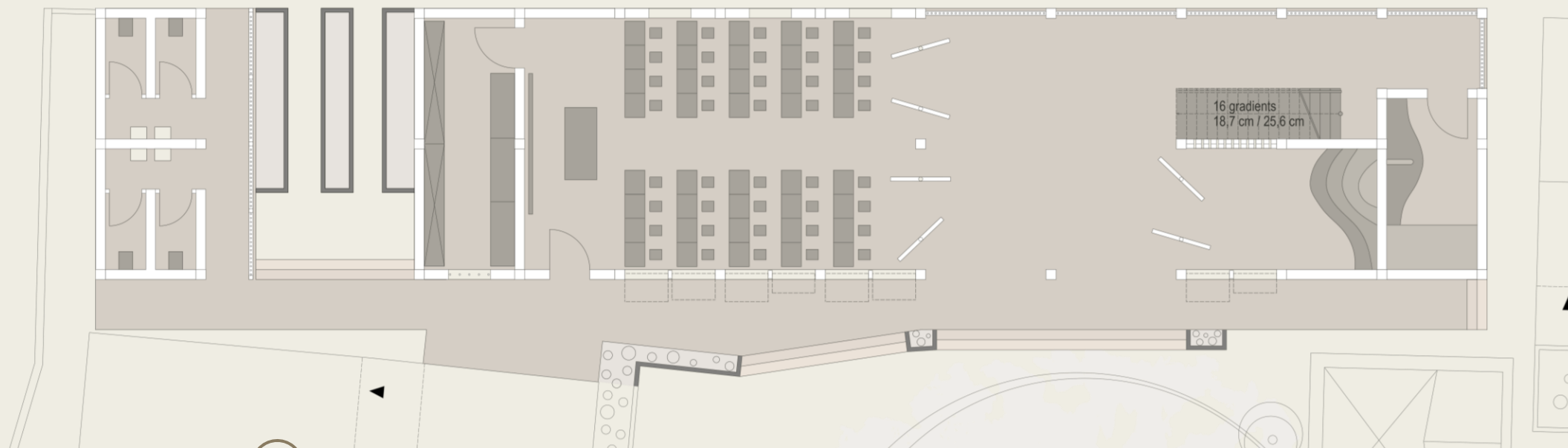
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lobby
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420,50 ft²

library
14,00 m²
150,70 ft²

quiet area
7,00 m²
75,40 ft²



Restroom

Water
collecting
disposing



Garden

planting
growing
harvesting



Preparation

Experiments
Safety
Storage



Classroom

Multifunction
Theory & Practice
Transparent



Lobby

learning
Exchange
Meeting



Library

reading
Homework
researching



Relax

recreating
sleeping
Security

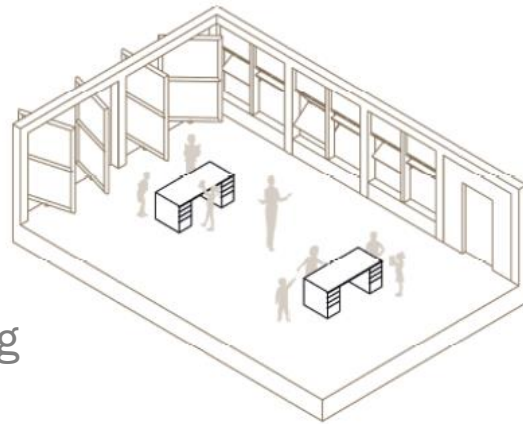
Science classroom

- 60 m², for up to 30 pupils
- Mobile workstations
- Theory and practice
- Experiments
- Multifunctional for further events
- Can be extended into the lobby
- Bright lighting concept

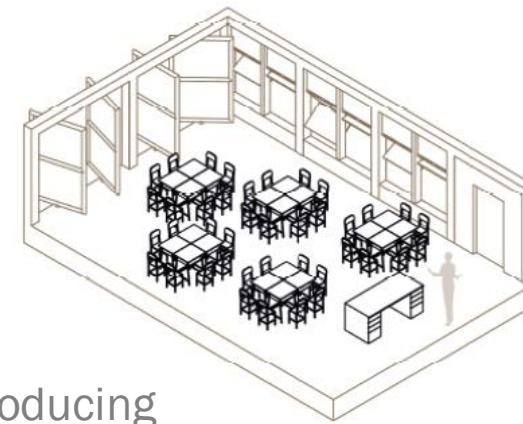


Classroom set-up and learning methods

experimenting



working in
groups



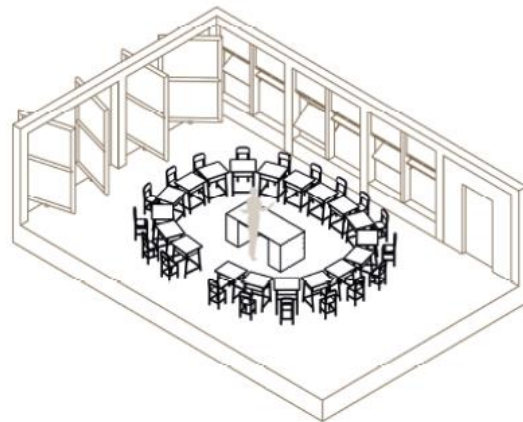
producing

demonstrating

elaborating

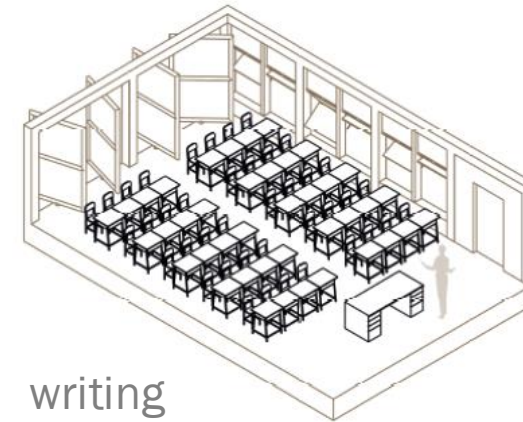
frontal teaching

analysing



discussing

explaining



writing

Lobby

- 40 m², meeting and exchange point
- Open and friendly entrance area
- Access to the gallery with a view of the surroundings
- Room to the library and relaxation room



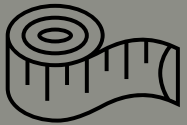
School garden

- 30m², Cultivation as part of the lesson
- Raised beds for fruit & vegetable plants
- Plenty of space for open lessons





Project data



Scope:

250m²



Team:

16 Students (GER)
7 Trainees (GER)
10 Students (NPL)
Community of
Thakurbaba



Constr. time:

3 months
Jan—Mar 2025

Estimated costs:

45.000,00 €





www.hs-anhalt.de/sharada

