

CHILDREN'S EDUCATIONAL CENTER

Winner of the competition of the Union of Moscow Architects Build School 2025 in the special nomination "Best student project"

The task of the project was to develop a concept of an educational environment, in which, through a modern approach to the formation of space, it becomes possible to develop a versatile, creative personality in each student, which is especially important in the context of a progressive and informational society.



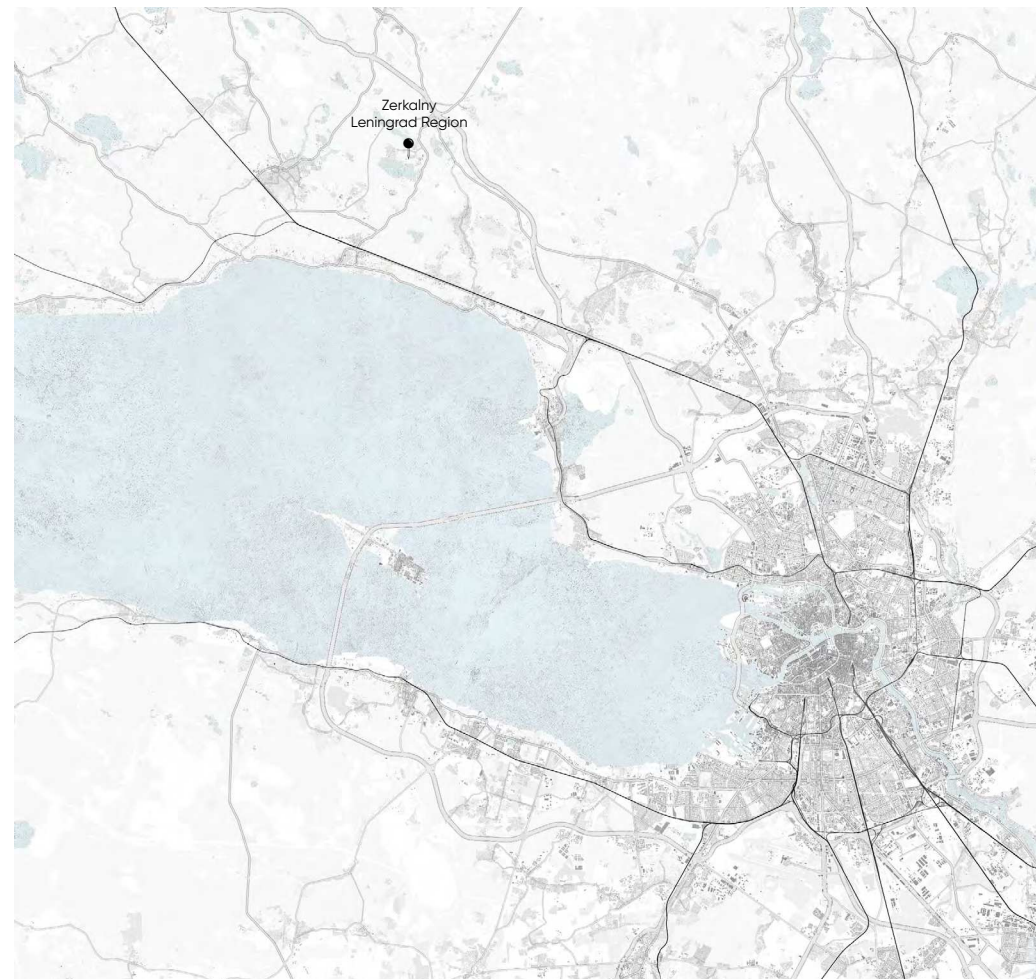


Elementary School

Learning Resources Center & Canteen

Greenhouse and botanical garden

Middle and high school

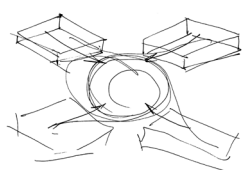


18321,18 m²
Total area

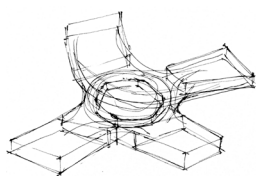
14
Educational programs

5,38 ha
Plot area

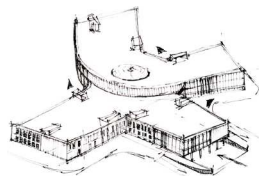
960 students
children from 6 to 18 years old



formation of four functional blocks and a connecting core



refining the shape of the blocks, rounding the volumes connecting the blocks



search for facade solutions, formation of entrance groups

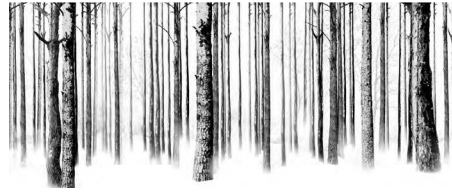
The center for additional education is harmoniously inscribed into the natural landscape of a pine forest on the shore of Lake Zerkalnoye in the Leningrad Region. The multifunctional educational environment contributes to the comprehensive development of the child, their creative and scientific potential.

The project aims to create a unique educational environment in which learning will take place through educational sessions involving the students' continuous stay at the center. The modern format requires flexible spaces, alternating active study and rest.

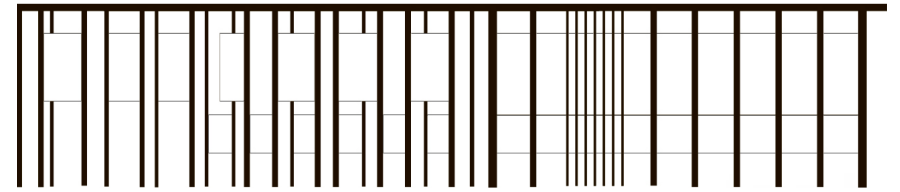
Context

The building's form emerges through a dialogue with the northern landscape: the rhythm of the facades echoes the varying thicknesses and spacings of the tree trunks in the surrounding forest.

The use of traditions of wooden architecture of the Leningrad region and modern practices of Scandinavia, Norway, and Sweden, where environmental friendliness and careful interaction with the landscape lie at the core of the architectural approach. Special attention is paid to creating a comfortable environment for children. Natural wood forms a tactilely and visually favorable space; its texture and smell create a feeling of safety and closeness to nature, awakening aesthetic perception, which is crucial in modern conditions.

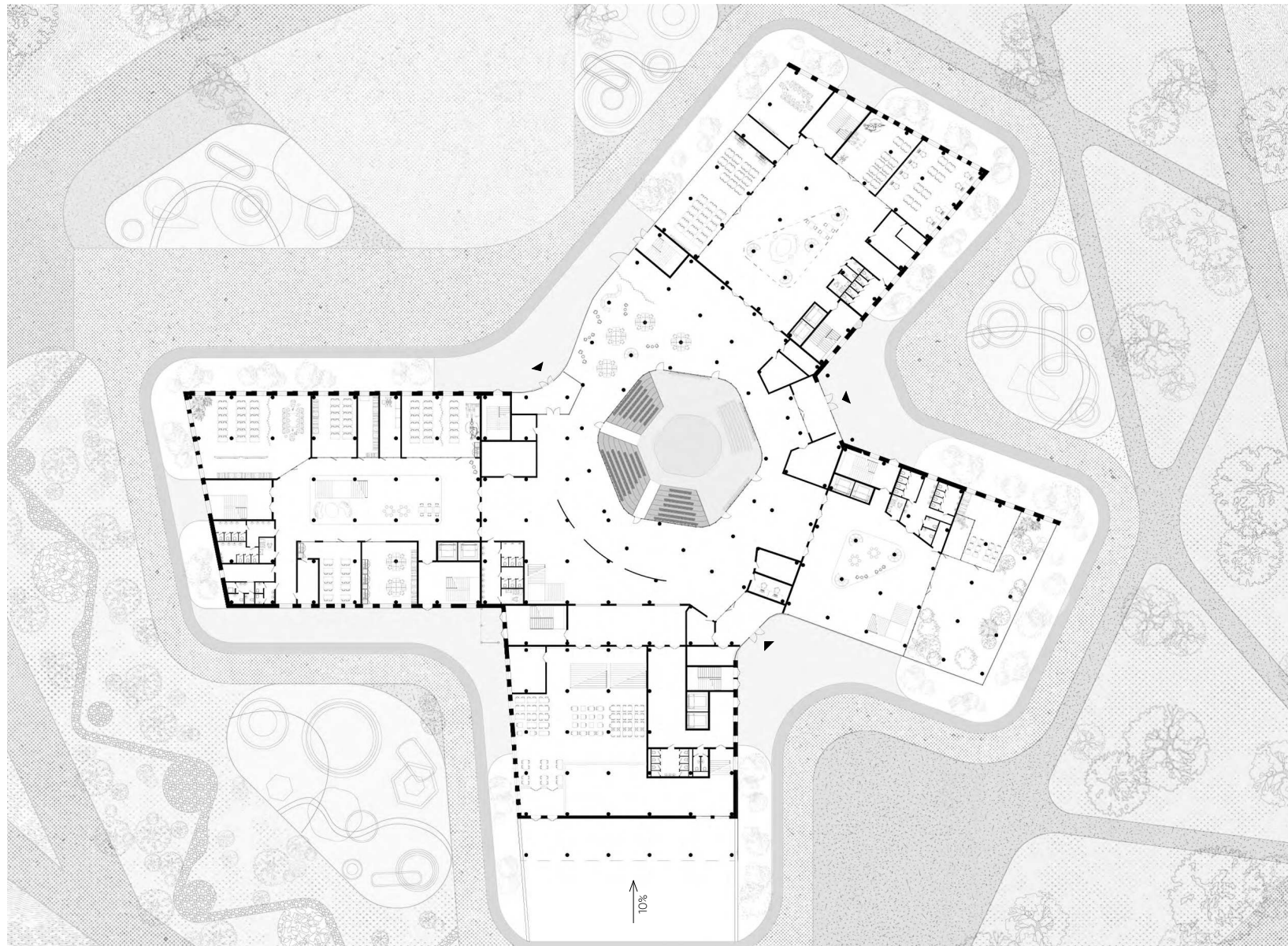
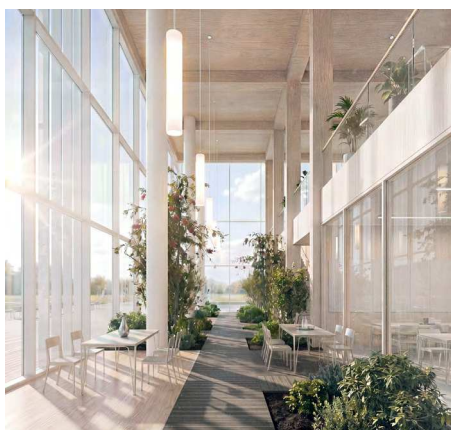
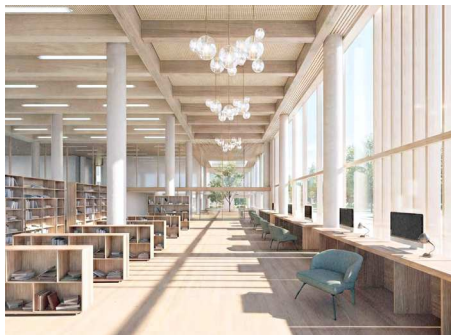


Vertical lamellas of different thicknesses, arranged with a rhythmic pitch, convey the natural dynamics of the surrounding pine forest.



Given the specifics of the region, the use of panoramic glazing makes it possible to compensate for the lack of sun, providing classrooms with natural light.





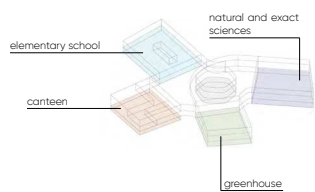
First Floor Plan at Elevation ±0.000

Placement of educational spaces on the first floor

Panoramic glazing erases the boundary between the building and the forest, fills classrooms with light, and creates a comfortable and inviting atmosphere for learning.



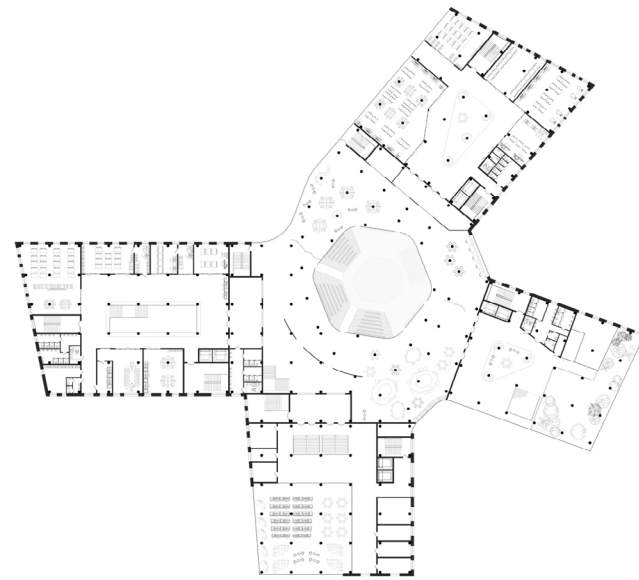
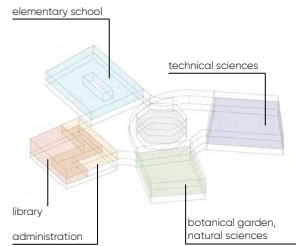
0 5 10 20 m



On the first floor, in addition to classrooms, there are public spaces and a focal atrium. Stairs lead to the cafeteria and information-library center located on the intermediate floors.

Second floor

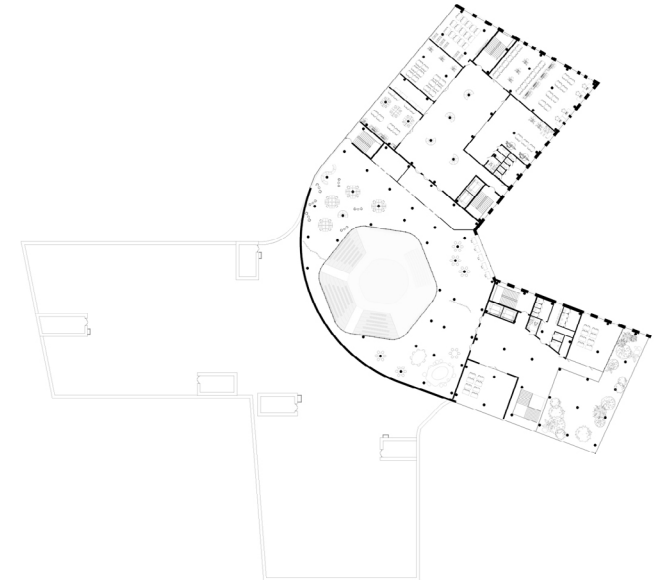
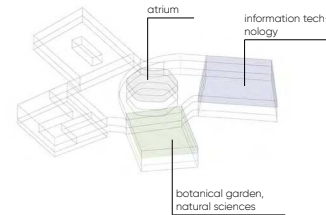
The main educational programs are located on the second floor: classrooms, workshops, and laboratories for natural and exact sciences.



Second floor plan at elevation +4.200

Third floor

Located on the third floor are computer labs and information centers specializing in bioengineering, computer science, and BIM technologies.



Third floor plan at elevation +7.500







