



PRIMARY SCHOOL INFANTERIESTRASSE

MUNICH, GERMANY, 2021

Client

Landeshauptstadt München

Architect

Behnisch Architekten, Munich

Competition

2015, 1st Prize

Planning and construction

2016-2021

Gross

14,865 m² / 160,007 ft²

Volume

54.830 m³ / 1,936,321 ft³

Address

Infanteriestrasse 23–27

80797 Munich

Germany

The new elementary school on Infanteriestrasse in Munich's "creative quarter" caters to up to 500 children with five classes in each grade and incorporates a double-sized sports hall. The affiliated childcare center known as the Haus für Kinder (literally "house for children") can provide care throughout the day for 100 children between 0 and 6 years old. The school has a star-shaped floor plan, with three wings arranged around a central staircase that functions as an atrium, taking people to other parts of the school. As such, it is not only the heart of the building but also its vertical and horizontal axis. The sports hall is attached to the school building to the north, while the Haus für Kinder childcare center is at the southern end.

The new elementary school is designed according to the principle of the "learning house" concept developed in Munich, which envisa-

ges small-scale units—in this case five "learning houses," each with up to 100 students of different ages. The communal functions such as the cafeteria and a multifunctional room are on the first floor, while the learning houses are arranged around a shared hub in the wings of the star-shaped floor plan on the second and third stories. In the light-filled atrium, the yellow surfaces of the balustrade reflect the daylight entering from above, extending deep into the interior of the space. A roof landscape covers part of the sports center roof, providing additional space for spending time in the open air. The school's garden with raised beds for plants is a perfect setting for open-air practical demonstrations, and there is cozy seating under an awning.

Outside, a playground bike track encourages children to engage in more physical activity. The running track, long-jump pit, climbing wall,



grassy area, and all-weather sports pitch are an incentive for students to play and have fun. One wing of the building has a significant overhang, offering students sheltered areas during recess where they can move around freely in bad weather.

Light shelves on the facade are used to support the energy-saving concept for daylight and climate control. They control and reflect the light and ensure that it is distributed equally in the classroom. Direct sunlight is avoided through the use of roof overhangs and adjustable sunshades that reduce the heat load in summer. Thoroughgoing roof greening creates a good microclimate and provides retention surfaces.



Site plan



Floor plan level 1

