



conversion, extension and reconstruction
**'Tomburg Realschule',
Rheinbach**



the project

The Tomburg Realschule in Rheinbach, which was built in 1964, consists of a 2-storey, almost square building with a courtyard and a 1-storey, natural-science tract. In the 90s, the building was supplemented by a 2-storey extension with a total of 4 classrooms. In order to meet the increased demands of today's school operation, the Tomburg Realschule is being expanded and rebuilt.

project data

client:	City of Rheinbach
location:	Rheinbach
building type:	school buildings
services:	conversion, extension and reconstruction
area:	education and research conversion and reconstruction
scope of services:	Lph 1-9 HOAI
completion:	2009
period:	03/2005 - 05/2009
GFA:	7.039 m ²
NFA:	6.122 m ²



extension and existing buildings



extension and existing building form a new unit

our work

The extension will be integrated into the existing building, windows and facades renewed, the roof refurbished and fire protection improved.

The new building comprises two independent areas: Part 1 of the extension - with a total of 4 classrooms, two parents' rooms and a teaching aids room - is being developed as an extension of an existing wing of the secondary school. This is 'stuck' through the existing building.

Part 2 is arranged in the 'building groove' between the main building and the 'scientific wing'. Here i.a. a new classroom for technology classes ist built. The new structure mediates between the building lines of the two existing parts of the building.

Different areas of the existing building will be converted and reconstructed. In addition to a computer room and a library, this creates a new 'Werkraum'. The school will be completely fire-protected and its existing roofs will be renovated energetically.



with the demolition of a partition, the new 'Werkraum' is created



the combination of two classrooms creates space for the library



corridor



building extension

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