

burke mountain secondary school

22045

client

School District No. 43 Coquitlam

location

Coquitlam

size

10,600 m²

value

\$65 million

status

Building permit. Est'd completion fall 2026.

key features

Steeply sloping mountainside. Joint-use site with outdoor recreation space owned by City. 21st century learning elements. Sustainable design includes solar panels.



connecting to nature and the neighbourhood

a new middle/secondary school meets Coquitlam's Burke Mountain



Taking cues from the school's location on Burke Mountain, Coquitlam's new middle/secondary school incorporates the mountain skyline and the rhythm of the forest through texture, shape and colour. Exterior brick grounds the building, with various types of metal cladding providing additional visual interest. The warm wood entrance signals the heart of the school.

The building's interior incorporates 21st century learning principles to meet the needs of 1,000 middle and secondary school students. The six-classroom learning pods have shared collaboration spaces, and there are flex spaces and nooks that students can access throughout the building. Other features include a learning commons spanning two floors, a large gym, an outdoor dance space and an amphitheatre. Learning stairs provide a unique seating option for an adjacent drama room.

There is a 36-metre grade difference between the highest and lowest point on this sloping site. Big, wavy retaining walls to the north and south are designed to be unobtrusive while creating a relatively flat school site that allows for greater accessibility.

