Designed by multi-disciplinary studio Mahlum Architects, the Thornton Creek Elementary School project was focused on bringing as much natural light into the learning environment as possible.

But this premium on light wasn’t at the expense of energy efficiency. A design constraint identified early on was to ensure building materials used on the new construction project were long-life, low-maintenance and helped reduce overall operating expenses. Cascadia’s fiberglass frame windows delivered on all accounts, helping the school achieve a EUI score of 14.08 kBtu/sqFt/Yr in 2019—the best score in the Seattle district.

**PROJECT DETAILS:**
- 362 windows for roughly 6,761 square feet of glazing area
- Double-glazed, Argon filled, Low-E 270
- AAMA 625 performance-grade paint
- Fixed Windows = R-3.85 (U-0.26)
- Operable Windows = R-3.70 (0.27)
CASCADIA WINDOWS & DOORS

Case Study - Education
Thornton Creek Elementary School

ADDITIONAL PROJECT DETAILS:
View Ridge/Wedgwood, Washington
New building
Completed 2016