



Red Hawk Elementary School

Erie, CO

**New Construction/
Addition**
Entire school/campus building

RB+B Architects, Inc.
315 E. Mountain Ave., Suite 100
Fort Collins, CO 80524
www.rbbarchitects.com
Corky Bradley, Principal
970/484-0117

DESIGN TEAM

Adolfson & Peterson Construction,
General Contractor
JVA, Inc., Structural Engineer
V3, Civil Engineer
Shaffer Baucom, Mechanical Engineer
RJ McNutt & Associates, Electrical Engineer
The Birdsall Group, Landscape Architect

OWNER/CLIENT

St. Vrain Valley School District
Longmont, CO
Superintendent: Don Haddad, EdD
303/682-7205

KEY STATS

Grades Served: Pre-K-5
Capacity: 600+ students
Size of Site: 12.6 acres
Building Area: 71,157 sq. ft.
Space per Student: 119 sq. ft.
Cost per Student: \$19,253
Square Foot Cost: \$162
Construction Cost: \$11,551,986
Project Cost: \$12,650,605
Completion Date: August 2011
Sustainability Rating System/Applied/
Status/Level: LEED for Schools Gold,
Designed to Earn ENERGY STAR

PHOTOGRAPHY: TIME FRAME IMAGES

Red Hawk Elementary creates a vibrant place for kids to learn. The design centers around a central space connected to all parts of the school and was inspired by urban street festivals and the concept of movement. This central building space connects staff and students, utilizing different types of seating to aid in learning. Passive design elements encourage better learning including daylighting, views outdoors, and displacement ventilation that delivers air from ground-source heat pumps into occupied spaces.

Inside the building, thermal comfort and high-quality acoustics contribute to superior classroom spaces. Breakout spaces allow students to collaborate. The Mineral Garden in the main corridor is composed of common minerals and rocks found in the Rocky Mountains and open to student exploration. The Weather Funnel is a glass “funnel” that penetrates the building, opening to the sky above and entry plaza below. Outside the building, the Plains to Peak Eco-Trail teaches about native Colorado plantings while the Interpretive Wall incorporates an historical timeline of the town of Erie. The main entry plaza is protected from rain and snow and provides a “hangout” spot for the children before school starts, while doubling as an outdoor classroom.

