



Believe IN
BERTSCHI
WHERE SCIENCE LIVES

Bertschi School Living Building Science Wing

Site: 3,380 square feet (includes 1,425 square foot building)

Goal: \$1M by January 1, 2011

- Designed by KMD Architect's Restorative Design Collective, services offered pro bono
- Completes the 2003 campus master plan

Living Building Challenge

- Projected to be the first Living Building in Washington state
- First project under construction using the 2.0 standards and first in an urban site
- Only four Living Buildings have been certified in the world under the original 1.3 Standards

Sustainable Elements

- Net-zero energy: solar power
- Net-zero water: rainwater harvesting, green roof, rain garden, composting toilet, potable water treatment system and interior green wall to treat grey water
- Ethnobotanical garden to meet the Urban Agriculture requirement of the LBC. It features native and drought tolerant plants that produce edible fruit and craft materials.

A Learning Tool

- All sustainable features, including monitoring equipment, are accessible and visible to students.
- The Runnel is covered by removable glass tiles for educational water testing.
- Garden plants enhance the study of botany and anthropology and may also be harvested for art projects.
- The Composting Toilet requires very little water and is not connected to the city sewer system.
- This facility will be a learning tool for Bertschi and beyond.