Environmental Education in Today’s Classrooms

Rick Wilson
What does it mean to be “Green”?
Reducing the Environmental Impact and Cost

Improving Health and Wellness

Providing Effective Environmental and Sustainability Education
Construction of Kennedy Community School

- Designed to use less energy
- Locally sourced materials
  - Concrete block from St. Cloud
  - Locally fabricated steel
  - All cabinetry in the classrooms is from the Twin Cities
  - Exterior block from Sioux Falls, SD
Recycled Materials Used

- Playground
- Media Center Flooring
- Ceiling Tiles
Reducing the Environmental Impact

- 80% of the construction waste was recycled.
- 498.22 Tons
External Features

- 1 Parking Lot
- Infiltration Basin
Energy Efficiency

- Wind Turbine
- Geothermal Heating/Cooling
  - 276 wells
  - 1.5” pipe
  - 200’
- Photovoltaic Panels
Interior Lighting

- Detects Daylight
- Detects Movement
Improving Health and Wellness

- No Carpet
- Low VOC Paint
Day Lighting

- 70% of all occupied areas have natural light.
- Built on an East/West orientation
Displacement Ventilation
Environmental Education

- Spending time outside
- Kennedy Discovery Board
- Kennedy Educational Page
Prairie Burn
Student Work
• Bird to the Fish
  • “How’s the water?”
• Fish to the Bird
  • “What water?”
Thank You