

Kelly Creek Elementary School

Gresham, Oregon

Key Project Information

Building Type: Elementary School (K-5)

Building Size: 60,055 Square Feet

Initial Implementation Hard Cost: \$23,940

LEED Status: LEED for Existing Buildings— Silver 2010



Kelly Creek Elementary School, constructed in 1993, is a 60,055 square foot K-5 elementary school located in Gresham, Oregon. In 2008, Ford Motor Company sponsored the Educate to Escape Contest, a nationwide contest that awarded one K-12 school with the grand prize of an eco-friendly makeover. Kelly Creek Elementary School was chosen as the grand prize winner and, as the contest prize, received a number of green upgrades and assistance from Leonardo Academy with LEED-EB implementation and certification.

The LEED-EB implementation effort began in July 2008. Leonardo Academy performed a LEED assessment to determine the school's certification potential. After much consideration, it was determined the building would strive for LEED Silver certification and would attempt LEED v2009. The project had a 13 month performance period that lasted from July 5, 2008 to August 5, 2009. The building was awarded LEED-EB: O&M 2009 Silver Certification.

Kelly Creek Elementary is the first LEED-EB certified school in the State of Oregon (under any version of LEED-EB) and the first LEED-EB v2009 school to be certified anywhere in the world.

The school has realized a number of sustainability achievements through both its ongoing sustainability program and its participation in the LEED-EB process:

- Energy Star rating of 95, which correlates to a 45% reduction in energy use compared to the average building
- Tracked, recorded and reported greenhouse gas emissions generated by the project building and associated grounds through Leonardo Academy's Cleaner and Greener® program
- Completed a water fixture upgrade that resulted in a 51% annual reduction in water use
- Implemented a green cleaning program mandating the use of 100% green cleaning products in the building and on the grounds
- Reduced potable water used for irrigation by 75%
- Ongoing leadership of an "Aardvark" student group focused on improving the recycling rate of the building, as well as education and outreach for students and the community