

TOPIC

RESOLUTION NO. 08-09-39: SUSTAINABILITY AND THE DESIGN AND CONSTRUCTION OF HIGH PERFORMANCE SCHOOLS

DESCRIPTION

As a result of the Board of Education's strong desire to move toward more sustainable, environmentally responsible and energy efficient practices throughout the District, the Facilities Planning and Construction Services Department, with the support of Maintenance and Operations, is recommending that for all future new construction, modernization projects, and other significant capital outlay projects, where appropriate, staff will make every effort to design projects based on criteria developed by Collaborative for High Performance Schools (CHPS) and United States Green Building Council (USGBC) illustrated through Leadership in Energy and Environmental Design (LEED) standards. This commitment will allow the District to partner with all architects, engineers and consultants to develop more resource efficient design criteria and best practices for use in construction projects to the maximum extent possible based on cost/budget and the unique scope of each site/project.

Additionally, this resolution calls for staff to pursue partnerships that further the goal of high performance schools including Federal, State and Utility company programs that provide sustainable and energy efficient design financial incentives whenever possible.

FISCAL IMPACT

None

RECOMMENDATION

Adopt Resolution No. 08-09-39 allowing District staff to work with design teams in implementing such measures as site orientation, energy efficient envelope, lighting and space conditioning, water efficiency, waste management, material resource efficiency, and any other sustainable practices which may support a student learning environment that is comfortable, healthy, naturally lit and well maintained.

Roll Call Vote: Sue Kuwabara, Carolyn McInerney, Mike Parham, Sharon Wallin, and Gavin Huntley-Fenner

IRVINE UNIFIED SCHOOL DISTRICT

RESOLUTION NO. 08-09-39:

**RESOLUTION ON SUSTAINABILITY AND THE DESIGN AND
CONSTRUCTION OF HIGH PERFORMANCE SCHOOLS**

WHEREAS, students learn best in an environment that is comfortable, healthy, naturally lit and well maintained, and studies have indicated that student achievement is greater and attendance higher when these conditions are met; and,

WHEREAS, schools incur a substantial amount on energy costs each year, and studies show that energy efficient facilities can reduce energy costs up to 25 percent; and,

WHEREAS, schools that employ sustainable design and operating principles can contribute to our community's environment by minimizing waste and air and water pollution; and,

WHEREAS, new buildings or renovating an existing school provides a unique opportunity to move beyond standard designs to create school facilities, whose tangible benefits have been measured in the form of increased student attendance, higher test scores, reduced operating costs, elevated teacher and staff retention, and an improved indoor environment by providing cleaner air, better acoustics, and natural light; and,

WHEREAS, an integrated design approach can often take advantage of energy savings that become feasible when the interaction between separate building elements, such as windows, lighting, and mechanical systems are considered; and,

WHEREAS, the Collaborative for High Performance Schools (CHPS) and the United States Green Building Council (USGBC) via the Leadership in Energy and Environmental Design (LEED) rating system has developed comprehensive design criteria based on the latest available information on sustainable school design, construction, and operation; and,

WHEREAS, schools designed to meet the CHPS/LEED criteria incorporate environmental features that provide a context for learning;

NOW THEREFORE, BE IT RESOLVED by the Irvine Unified School District Board of Education recognizes the progress already made by District's staff in implementing resource conservation measures throughout the District, as well as its collaboration with design teams in incorporating sustainable design criteria into the District's school construction and modernization programs; and,

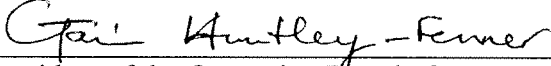
BE IT FURTHER RESOLVED that the Irvine Unified School District Board of Education directs the Director of Facilities and Construction, and Director of Maintenance and Operations, in consultation with all architects, engineers and consultants, to develop more

resource efficient design criteria and best practices for use in the construction and modernization of existing District schools and campuses; and,

BE IT FURTHER RESOLVED that the Board of Education endorses District participation in and directs staff to pursue partnerships that further the goal of high performance schools, including Federal, State and utility programs that provide sustainable design financial incentives; and,

BE IT FURTHER RESOLVED that the design criteria developed in consultation with the CHPS/LEED, and including such measures as site orientation, energy efficient envelope, lighting, and space conditioning; water efficiency; waste management; material resource efficiency; and heat island mitigation measures, shall be considered for utilization to the maximum extent possible by staff and architects in the design development of construction and modernization projects based on the unique scope of each site.

ADOPTED, SIGNED and APPROVED this 17th day of February, 2009.



President of the Governing Board of
Irvine Unified School District

I, Sharon Wallin, Clerk of the Governing Board of Irvine Unified School District, do hereby certify that the foregoing Resolution was adopted by the Governing of said District at a meeting of said Board held on the 17th day of February, 2009 and that it was so adopted by the following vote:

AYES: Members Kuwabara, McInerney, Parham, Wallin, Huntley-Fenner

NOES: None

ABSTAIN: None

ABSENT: None



Clerk of the Governing Board of
Irvine Unified School District