

2012 Exhibition of School Planning and Architecture

Salyards Middle School

Cypress, TX
Junior High / Middle School
New Construction
SHW Group

Salyards Middle School



Courtyard

Community Environment:

We oriented the building east/west longitudinally and made the academic area three stories in order to maximize daylight in classrooms along the north and south faces of the building and limit more harmful sun exposure to east and west faces.



Student Entrance

Community Environment:

The smaller footprint reduces the roof area which further reduces energy consumption and makes it easier to re-site the building on a smaller piece of property.

The design goal was to create a new prototype that would respond to how today's students learning differently with today's available technology.



Digital Learning

Learning Environment:

This collegiate style environment incorporates technology to raise the quality of the facility to meet the needs of today's students. A wireless overlay is available for network and internet access and each classroom includes a Smart Board, two video projection walls, and network hard drops.



Library

Learning Environment:

The building was planned with the flexibility to organize the classrooms in small learning communities, grade level alignment per floor, or in a departmentalized organization. The Outdoor learning courtyard provides multiple learning opportunities for students. The Library is centrally located to the learning communities for easy access and connectivity.



Cafeteria

Physical Environment -

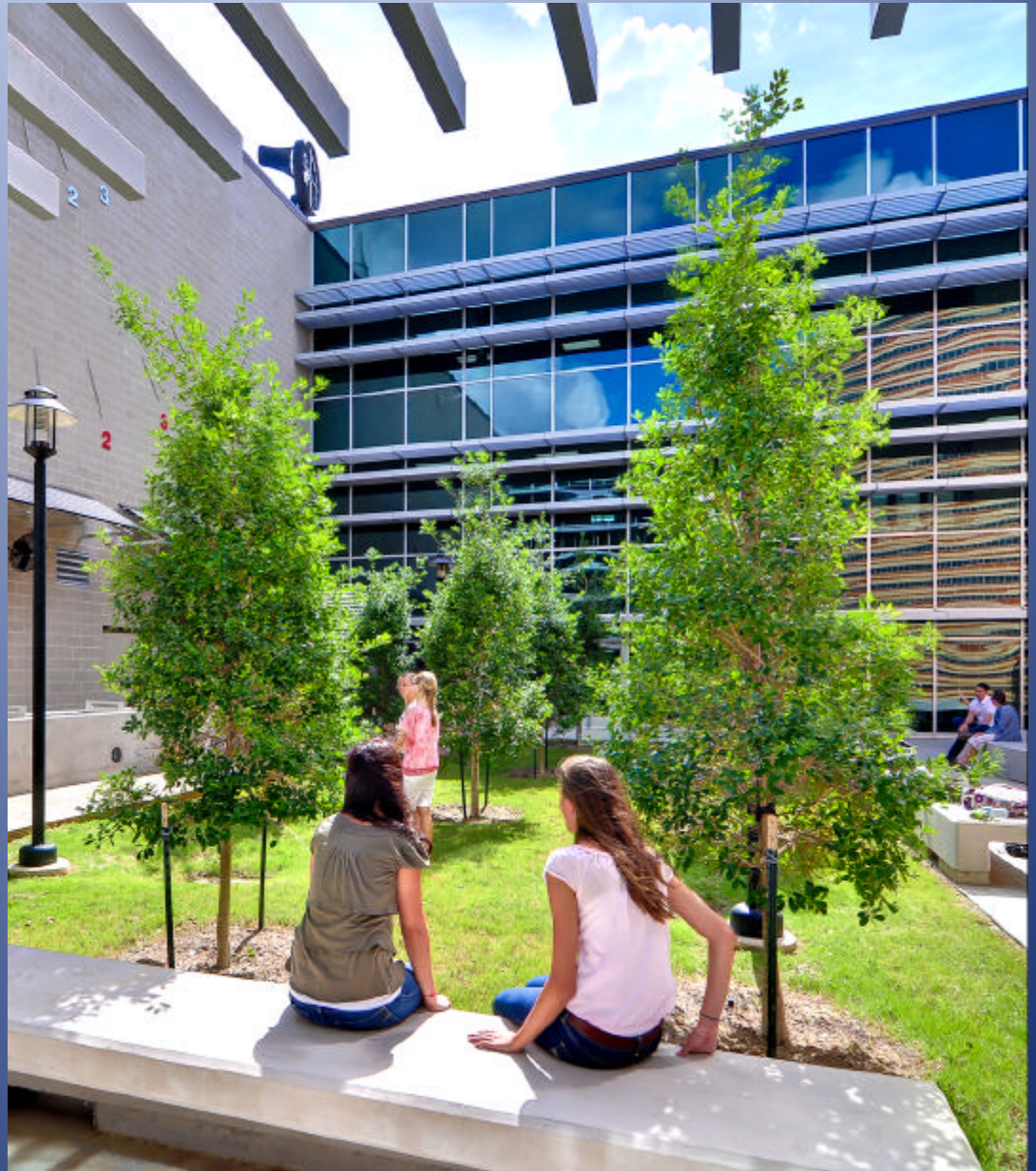
Salyards Middle School is a three-story facility that emulates a Rubix Cube with corner entries and multiple fronts that can be re-sited based on the site orientation and school floor traffic. The footprint of this new prototype is 35% smaller of the district's existing middle school prototype and the number of classrooms with daylighting has been increased from 30% to 95%.



Courtyard

Physical Environment -

The typical halls and walls have been transformed into an open design concept that includes; glass walls between the classrooms and the main corridor provide a window into learning environments, interactive flex spaces promote self-directed learning and project-based team collaboration, and a courtyard in the center of the building visually connects the three floors.



Classroom

Planning Process:

In early 2009 the district decided that they were ready for a new middle school prototype.



Students going to school

Planning Process:

Our challenge was to provide the district with a prototype that; offers the flexibility for re-site, incorporates a smaller footprint, increases daylighting in classrooms, and provides a 21st century learning environment for today's digital generation.



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Project Data

Submitting Firm :	SHW Group
Project Role	Architect
Project Contact	Kelley Merriman
Title	Communications Manager
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Joint Partner Firm:	
Project Role	
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Other Firm:	
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Construction Firm:	Purcell
Project Role	General Contractor
Project Contact	Doug Frank
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Project Details

Project Name	Salyards Middle School
City	Cypress
State	Texas
District Name	Cypress-Fairbanks ISD
Supt/President	Dr. Mark Henry
Occupancy Date	08-14-2011
Grades Housed	6-8
Capacity(Students)	1,568
Site Size (acres)	29.9
Gross Area (sq. ft.)	247,446
Per Occupant(pupil)	157
gross/net please indicate	Gross
Design and Build?	
If yes, Total Cost:	
Includes:	
If no,	
Site Development:	\$2,116,091
Building Construction:	\$28,186,909
Fixed Equipment:	Included in Building Construction Cost
Other:	
Total:	\$30,303,000









