



## Muskogee Public Schools—Alice Robertson New Tech Academy

Muskogee, OK

Alice Robertson Junior High School's New Tech Academy is the first of its kind in the state of Oklahoma. A new teaching method utilizing a project-based learning approach is reflected in the design of the facility. The versatility and unique features allow the building itself to be a learning tool. Flexibility in classrooms and science labs promote hands-on learning environments throughout the building.

Eight core subject classrooms with 25 students each can be reorganized per project with interconnecting furniture and mobile smart boards. The classrooms can open up to one another and to the three science labs by sliding back retractable wall panels, creating a group learning space. One classroom is constructed as a storm shelter to keep the students safe during severe weather.

The building itself educates the students and instructors alike. The systems have been extensively color coated integrated with TVs



streaming real-live data about the functioning life of the building. Such systems in this facility include solar panels, a wind turbine, energy-efficient LED lighting and geothermal heating and cooling. The central learning area features formulas on the walls and an interactive periodic table to further promote development of the earth sciences.



### New Construction/Addition Technology center

#### Renaissance Architects

11100 Stratford Drive, Ste. A-100 • OK City, OK, 73122  
www.renaissancearchitects.com  
Socrates Lazaridis • 405/749-4642

#### DESIGN TEAM

Socrates Lazaridis, Principal Architect  
Wallace Engineering, Structural Engineer  
HUB Engineering, Civil Engineer  
Oakridge Builders, General Contractor

#### OWNER/CLIENT

Muskogee Public Schools  
Muskogee, OK  
Mike Garde, Superintendent; Wayne Johnson,  
Director of Maintenance  
918/684-3710

#### KEY STATS

Grades Served: 7-8  
Capacity: 200  
Size of Site: 1.75 acres  
Building Area: 19,656 sq. ft.  
Space per Student: 98.3 sq. ft.  
Cost per Student: \$18,105  
Square Foot Cost: \$184  
Construction Cost: \$3,621,000  
Project Cost: \$4,300,000  
Completion Date: August 2015

PHOTOGRAPHY: HOWARD DOUGHTY

