

# **New Science Labs Construction at Barbers Hill Middle School: (Opening Fall Semester 2011)**



**NEW SCIENCE LABS AT THE MIDDLE SCHOOL**

**Perspective Image**

**BARBERS HILL INDEPENDENT SCHOOL DISTRICT**

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This project will add four (4) new science labs to the Middle School to accommodate the growing instructional space and program needs. At 1200 square feet each, these labs will each house up to twenty-four (24) students, and will comply with all the requirements of the Texas Education Agency. Also included will be shared Prep Rooms, which will be used by the teachers to prepare experiments and store supplies.

This addition will also incorporate some of the basic requirements for energy efficient, sustainable design as established by the Collaborative for High Performance Schools (CHP's) and Leadership in Energy and Environmental Design (LEED). The design incorporates 10' high ceilings with white wall paint above the 7' height for high reflectivity. The addition will also have "light shelves" on the exterior wall to reflect sunlight into the science labs, as well as to protect the windows below from direct sunlight. Lighting and lighting occupancy sensors will provide further energy savings.

The two (2) existing science labs will be upgraded to closely match the new science labs. Also, a security vestibule will be established in the front foyer by adding an additional set of doors with electrically operated locks to better control access into the building during the school day.