Design for Education
How is education delivered? What is the curriculum? **No two schools are the same**, so design solutions must be informed by each school’s needs and goals.
For example, nex+Gen Academy’s rigorous program inspires excitement as students work towards their professional aspirations. To support learning and pride, high-tech classrooms resemble the workplace and emphasize 21st century skills.
Career and Technical Education programs also provide students access to an array of experiences and learning opportunities. By co-locating disciplines, design helps encourage cross-pollination and promotes systems thinking.
Curriculum Driven Design

CTE classrooms and workshops are designed to replicate real-world environments. And because art and technical programs are co-located, students can easily collaborate and gain a deeper understanding of their industries.
Curriculum Driven Design

Active learning classrooms – equipped with flexible furnishings and robust technology – enable students to work together on projects. Instructors facilitate groups to help students achieve creative, collaborative solutions.
Curriculum Driven Design

At the New Mexico School for the Blind and Visually Impaired, the building itself is a teaching tool. Textures, smells, acoustic variation, and light changes help students navigate and learn about their environment.
Because *curriculum is not constant*, we design practical spaces that are easily modified over time. Designing for *flexibility* and multi-purpose use *increases the lifespan* of our buildings.
Materials, building orientation, and many other factors contribute to lifecycle costs. **Sustainable design** not only conserves natural resources, but also creates comfortable environments, **reduces maintenance**, and saves money.
Daylighting rejuvenates and welcomes people. By offering views to nature, design can improve the wellness of students, faculty, and staff. Furthermore, natural daylight reduces lighting costs within the building.
### Sustainable Design

Water and energy savings reduce operating costs, and over the life of the building, schools contribute to a healthy environment, save money, and see a significant return on investment.

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<thead>
<tr>
<th>SCHOOL</th>
<th>ENERGY SAVINGS</th>
<th>WATER SAVINGS</th>
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<tr>
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<tr>
<td>North Star ES</td>
<td>55%</td>
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Sustainable Design

Balance cost, durability, R-value
Reduce heat gain
Ease maintenance burden

Schools and districts can save money by reducing operating and maintenance costs – money that can be spent elsewhere in education.
Crime Prevention Through Environmental Design (CPTED) principles promote safety and security by discouraging unwanted behavior on campus and creating a welcoming environment.

“Proper design and effective use of the building environment can lead to a reduction in the fear and incidence of crime and an improvement in the quality of life.”

Centers for Disease Control and Prevention
Pride

The CPTED territoriality concept promotes pride of place. Students involved in the design of their school – designing a bathroom mosaic, for example – develop a sense of ownership and are more likely to protect school property.
To achieve territoriality, we provide highly visible spaces for students to display artwork. This design allows artwork to be easily exhibited and changed as new students make new work.
DPS has been working closely with AISD throughout the entire design process. They have **accommodated all of our specific requests** and have designed a **state-of-the-art facility** for us. Both the architectural and the interior aspects of this design exceed all expectations. **DPS has proven themselves to be an architectural firm that truly cares about it’s clients.** They have given us a fabulous building that met all criteria all while respecting our budget restrictions.

Shawna Ham
Project Manager,
Amarillo Independent School District

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We are passionate about working closely with clients to help achieve **stronger communities**, build schools that **inspire students**, and create **places that people value**, protect, and maintain.
Our Passion

Student Success!
Thank You!

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