k-12 education design
Historically, our classes were arranged in tidy rows – the teacher at the front.

Moving beyond is where we are now – and we’re seeing it evolve every day.
Our team of educators, researchers, anthropologists, planners, architects, engineers, building performance experts, and interior designers draw from evidence-based design to aid districts in bridging the gap from old and new to improve all facets of operations, and elevate learning through design. Understanding the rapid pace of technological, social, and cultural change, our K-12 Education Studio works with districts across the country to navigate this change to better serve communities and improve educational experiences and outcomes for students.
Missouri Innovation Campus (MIC) is a high-tech facility setting the benchmark for future education models. High school graduates can earn an associate’s degree, followed by a bachelor’s degree two years later in various STEM programs.

Size: 135,000 SF
Student Capacity: 1,800
CANYON VIEW HIGH SCHOOL
Avondale, Ariz.

Size: 231,000 SF
Student Capacity: 1,800

Designed around Viewing Architecture through the Lens of User Experience for Sustainability (VALUES), Canyon View High School creates an innovative facility that fosters multiple pedagogies to better individualize learning opportunities.
Compton High School, located in a community well known for producing music and athletic prodigies, sets a standard for educational excellence with its new facility that features an academic boulevard which organizes CTE spaces with classroom wings above to create learning communities.

Size: 322,000 SF
Student Capacity: 2,500

Compton, Calif.
Kodiak High School's extensive modernization results in a space designed around three ideas: link, gather, and learn. Together, these ideas come together to form a 21st century school that allows for an open and connected space that supports both traditional and vocational education.

Size: 190,000 SF
Student Capacity: 900
In a world filled with technology, Omaha Henry Doorly Zoo and Aquarium’s Education Building offers a space for students to connect with the natural world through “adventure education” that enhances their understanding of and relationship with the animals and ecosystems around them.

Size: 42,500 SF
Student Capacity: 220
The technology-rich Lee High School supports 21st century and project-based learning with its flexible spaces that contribute to a customizable learning experience.
Rebuilt after a devastating tornado, Joplin High School renews the traditional educational experience by providing a flexible and collaborative facility that advocates for "Career Readiness." This theory comes to life in the "Eagle Alley," which encourages students to explore various career pathways.

Size: 490,000 SF
Student Capacity: 3,000
As a regional resource, Tahoma High School’s design is driven by the concept of “community.” Pushing educational goals forward, graduates of the new Tahoma High School will be better enabled to continue education in a college setting or seek trade certification to begin making a livable wage.
Responding to the district’s adoption of a new, small learning community (SLC) model, the design of the Marysville Getchell High School campus arranges four independent SLC buildings and the shared-use Campus Commons around second growth forest.

Size: 200,000 SF
Student Capacity: 1,600
Western Maricopa Education Center (West-MEC) is a dynamic public school district enhancing Career and Technical education. Spread across multiple campuses to reach 3,600 square miles in the Phoenix metro, DLR Group has designed technical classrooms, labs, sustainable building systems, and administrative spaces that impact more than 29,000 students from 46 high schools.
The design for the Center for Advanced Professional Studies facilitates professional innovation in educational spaces that mimic the workplace for specific careers and encourage partnerships between local businesses, teachers, and students.

Size: 66,000 SF
Student Capacity: 300

CENTER FOR ADVANCED PROFESSIONAL STUDIES
Overland Park, Kan.
As a specialized magnet school, Maywood High School campus emulates a college campus with its three classroom buildings connected to form a central plaza. This design encourages cooperative learning, integrates project-based assignments, and emphasizes creative and critical thinking in all disciplines.
The design of North Little Rock High School fosters a student-centered educational experience that promotes strong collaboration amongst teachers and students, and exposure to STEM learning and career pathways.

Size: 480,000 SF
Student Capacity: 3,000
WAINWRIGHT INTERMEDIATE SCHOOL
Tacoma, Wash.

Size: 65,000 SF
Student Capacity: 450

Wainwright Elementary School's flexible learning environment embraces the variety of social and educational needs of the unique student grouping. The school is designed around a main spine that transitions from public community space to core learning.
DLR Group's design for Jordan Middle School seeks to create a STEAM-capable learning model that supports individual student success and collaboration. Spatial differentiation, interior transparency, and moveable walls provide flexibility to accommodate a variety of student-centered configurations.

Size: 170,000 SF
Student Capacity: 700
Dickinson Middle School embodies the collaborative and community-driven approach to educating young people in this western North Dakota community. Flexible learning clusters support more active pedagogies and inspire student self-discovery and collaboration.

Size: 198,000 SF
Student Capacity: 950
Designed to meet educational goals, sustainably reduce the cost of ownership, and reinforce community connections, A.G. Bell Elementary School serves both its students and the community. Classroom pods with a shared learning space are crafted to allow collaboration and connectivity in a completely visible space.

Size: 65,500 SF
Student Capacity: 550
To continue with its tradition of academic excellence, McCarver Elementary School underwent a complete modernization to provide a forward-thinking facility with shared learning spaces and community-focused elements, while keeping its historic charm.

Size: 80,000 SF
Student Capacity: 450
SUSTAINABILITY
Meeting the Challenge

One of the most pressing challenges in the century is to mitigate climate change caused by greenhouse gas (GHG) emissions from human activities. Information in this report has been extracted from the estimated operational energy consumption, energy production, and energy optimization of DLR Group designs in 2018. Beyond these typical metrics of achievement, in 2018 we addressed other areas including exploration of innovative materials, indoor air quality, occupant comfort, wellbeing and productivity. These areas further expanded our thinking on sustainability and the role it plays within integrated design.

Raise the Bar
DLR Group’s average reduction target of predicted energy use for our high-performance designs has consistently exceeded the national peer group average. In 2018, our integrated designs resulted in a 49 percent energy reduction for all DLR Group 2030 Challenge tracked projects.* While an improvement over the previous year, we are continuing to set aggressive internal targets and widen our performance design approach to reach our goal of meeting the 2030 Challenge on every new project by 2020.

The impact of design choices for 2018 can be quantified in these tangible ways:

- **The amount of water used in**
  - 619 U.S. Olympic-size swimming pools

- **Removing**
  - 71,000 passenger vehicles from the road

- **The amount of carbon sequestered by**
  - 393,000 acres of forest

- **The amount of energy consumed by**
  - 36,000 homes in a year

This resulted in **334,000 metric tons of GHG* avoided**

*Reduction determined using The Zero Tool, an Architecture 2030 platform developed for building sector professionals to establish energy reduction baselines and targets, compare a building’s energy performance with similar buildings and to codes, and understand how a building achieved its current energy performance.

* GHG emissions are estimated using national average fuel, indice for energy use in buildings, and EERE’s Power Proketer tool.
WHO WE ARE
DLR Group is a global integrated design firm.

Our promise is to elevate the human experience through design. This inspires a culture of design and fuels the work we do around the world. We are 100 percent employee-owned: every employee is literally invested in our clients’ success. At the core of our firm are interdisciplinary employee-owner teams, engaged with all project life-cycle stakeholders. These teams champion true collaboration, open information sharing, shared risk and reward, value-based decision making, and proficient use of technology to elevate design.

Our clients experience this through our service model: listen.DESIGN.deliver

Locations

- Austin
- Charlotte
- Chicago
- Cleveland
- Colorado Springs
- Columbus
- Dallas
- Denver
- Des Moines
- Honolulu
- Houston
- Kansas City
- Las Vegas
- Lincoln
- Los Angeles
- Minneapolis
- New York
- Omaha
- Orlando
- Phoenix
- Portland
- Riverside
- Sacramento
- San Francisco
- Seattle
- Tucson
- Washington, D.C.
- Dubai
- Nairobi
- Shanghai

Your design team is backed by the resources of the entire firm. This enables DLR Group to scale teams to meet your challenges and deliver specialized expertise to any location whenever and wherever it is needed. Distributed management means the best ideas can come from anywhere, and being 100 percent employee-owned fosters a culture of entrepreneurial innovation.

Services

- ARCHITECTURE
- ENERGY SERVICES
- ENGINEERING
- EXPERIENTIAL DESIGN
- INTERIORS
- ITDG - INNOVATIVE TECHNOLOGY DESIGN GROUP
- LABORATORY PLANNING
- LANDSCAPE ARCHITECTURE
- MASTER PLANNING
- PRESERVATION
- SUSTAINABILITY CONSULTING