School Tours

Virginia (11/28-11/29)

Discovery Elementary (Arlington, VA)
Bluestone Elementary (Harrisonburg, VA)
Agnor-Hurt Elementary (Charlottesville, VA)
Jouett Middle School (Charlottesville, VA)

California (11/29-12/01)

High Tech High* - San Diego (San Diego, CA)
High Tech High*– North County (San Marcos, CA)
High Tech High* – Chula Vista (Chula Vista, CA)

Minnesota (11/29-11/30)

Burnsville District 191 (Burnsville, MN)
Jordan Middle School (Jordan, MN)
Galtier Elementary School (Saint Paul, MN)
University of Minnesota (Minneapolis, MN)

*K-12 Classes

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THE WINNETKA PUBLIC SCHOOLS
DISTRICT 36

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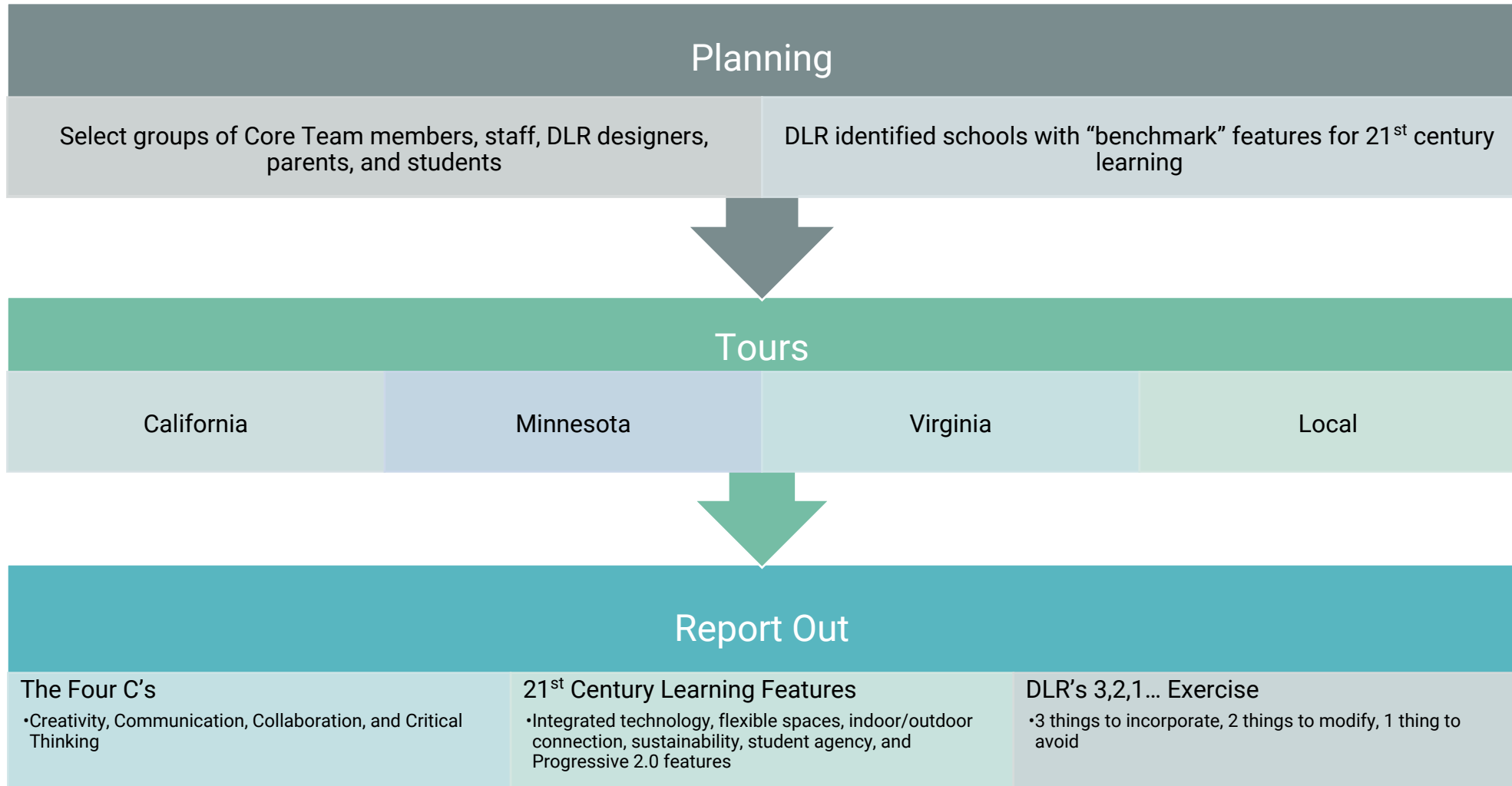
Local Tours

School

North Shore Country Day School
New Trier – Winnetka Campus
Sunset Ridge Middle School
Intrinsic High School
Lane Tech High School
Iroquois Community School
Westmoor Elementary

Workplace

LinkedIn

Representative images/renderings used where tour photos not available.

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Tour Process

Planning	
Select groups of Core Team members, staff, DLR designers, parents, and students	DLR identified schools with "benchmark" features for 21st century learning

Tours			
California	Minnesota	Virginia	Local

Report Out		
The Four C's •Creativity, Communication, Collaboration, and Critical Thinking	**21st Century Learning Features** •Integrated technology, flexible spaces, indoor/outdoor connection, sustainability, student agency, and Progressive 2.0 features	**DLR's 3,2,1... Exercise** •3 things to incorporate, 2 things to modify, 1 thing to avoid

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Tour Concepts

Educator and Student Spaces

- Visual transparency to encourage interdisciplinary work
  - Being able to see other teachers as they instruct classes
  - Being able to see how the students are working, and on what
  - Seeing/encountering other teachers during prep time for collaboration
- Designated staff collaboration and professional learning space
  - Supportive for professional development in Progressive 2.0
- Spaces that reflect higher ed and workplace settings
  - Using best practices across settings
  - Preparing students for future environments
- Energizing and restorative spaces
- Areas for privacy

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Visual transparency: small breakout room with visibility from interior room and hallway on three sides
(High Tech High: San Diego, CA)

Visual transparency: classroom activity is on display, while nearby nook is visible to teacher

(Galtier Community School, MN)

Visual transparency + areas for privacy: support spaces offer student-friendly "lobbies" but private areas when necessary
(Bluestone Elementary, VA)

Multi-purpose spaces: environments that flex easily from student auditorium to staff learning and cafeteria
(Sunset Ridge: Northfield, IL)

Preparing students for future environments: large, flexible, multi-age group learning space with a variety of seating allows students to learn self-regulation, social-emotional skills with realistic technology support
(Jouett Middle School, VA)

Staff collaboration space: "fishbowl" room with curtains allows for private or visible group work; dedicated to staff
(Discovery Elementary, VA)

Energizing, restorative areas + staff collaboration space: dedicated "grown-up" spaces for staff to gather formally or informally, with natural light and acoustic privacy; allows staff to decompress and discuss
(Discovery Elementary, VA)

Tour Concepts

Environmental Qualities: Building Features

- Universal Accessibility

- Color-coded wayfinding

- "Heart" or "hub" to the school (ex. Resource Center)

- Safety and security features

- Sustainability features

  - Energy efficient

  - Net zero

  - Encouraging sustainable behaviors (ex. Recycling, composting)

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Universal accessibility: half-nook provides students with differing mobility a flexible, shared workspace
(Discovery Elementary, VA)
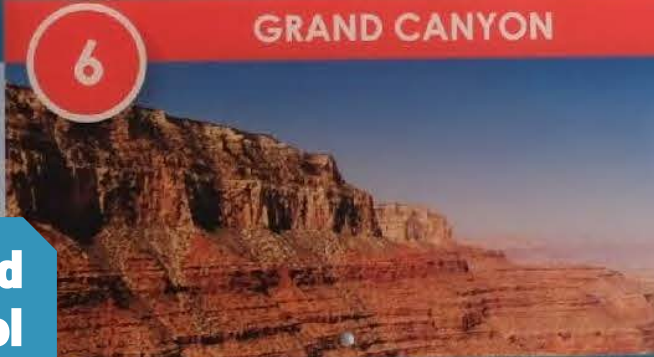
Color-coded wayfinding: students participated in naming/coloring the zones of their school
(Agnor-Hurt Elementary, VA)

Natural light + Color-coded wayfinding
(Jordan Middle School, MN)

"Heart" or "Hub" to the school: library/resource center is positioned at the center of the school, with visibility from circulation into the space from all angles
(Discovery Elementary, VA)

"Heart" or "Hub" to the school: library/resource center and media center
(Westmoor Elementary, IL)

Sustainability features + project-based work: "solar lab" lets students adjust angle of panels to examine outcome of single hot water feature inside cafeteria

(Discovery Elementary, VA)

Tour Concepts

Environmental Qualities: Glass and Light

- Abundant natural light
  - Windows
  - Skylights
  - Light tubes/solar tubes
  - Interior features that allow light to pass through space
- Responsive/interactive lighting
  - Shades or tinted glass to allow transparency and views to outdoors, without disruptive glare

Natural light + Sustainability features: Solar tubes bring bright daylight into interior spaces, replacing/supplementing electric lighting
(Bluestone Elementary, VA)

Natural light: half-height walls let light from skylights and clerestory pass through
(High Tech High: San Diego, CA)

Visual transparency + natural light + collaborative workspaces: strategically-placed breakout room allows lets light pass into classroom, but reduces glare: furniture supports a variety of group work
(Burnsville High, MN)

Natural light + Responsive light: pop-out window benches have shades to provide privacy or shelter from too much sunlight
(Discovery Elementary, VA)

Tour Concepts

Environmental Qualities: Outdoors and Green Spaces

- Covered outdoor area
- Green space
  - Indoors: Green wall, hydroponics lab, greenhouse
  - Outdoors: Green roof, rain garden/catchers, garden beds,
- Indoor/outdoor spaces as extension of learning environment
- Innovative play spaces

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Outdoors and green space: covered outdoor space with rain garden retention area
(Discovery Elementary, VA)

Innovative play spaces +
outdoor green space
(High Tech High: Chula Vista, CA)

Outdoor learning spaces + green space: rain catchers show students how water collects
(Sunset Ridge School, Northfield, IL)

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Tour Concepts

Collaborative Learning

- Flexible furniture
  - Tables instead of individual desks
  - Lightweight or on casters
  - Stackable/nest-able to open up spaces quickly
- Group work space (small and large – can flex between the two)
- Visual transparency to see learning on display, be inspired by others at work
- Commons or hubs in the middle of wings
- Collaborative technology (ex. Computer huddle tables)

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Group workspaces + visual transparency: flexible, with writable partitions and options for visual transparency or privacy
(New Trier High School, Winnetka, IL)

Commons + Group work space: landings in circulation create small group work zones in a large group setting
(High Tech High: San Diego, CA)

Collaborative technology: interactive touch screen at hallway huddle space allows for quick communication from teachers to students, or sharing of ideas during group work
(Iroquois Community School, Des Plaines, IL)

COLLABORATION COMMONS

Collaborative technology + flexible furniture: "huddle tables" allow small groups to gather and share from individual devices on the main screen; all furniture is on wheels, some can raise/lower
(Discovery Elementary, VA)

Tour Themes

Project-Based Work

- Display/Gallery space(s)
- "Schools without walls"
- Inter-grade accessibility to promote interaction
- Student presentation space for sharing work/portfolios
- Project workspaces
  - Storage for works in progress (could be on display, to share process)
- Places and opportunities for students to impact their environments
- Global access printing and Wi-Fi throughout

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THE GALLERY

Display/Gallery space + natural light: polished mini-gallery shows off student work (digital and analog) to visitors in main circulation
(Jordan Middle School, MN)

Project workspace: durable and flexible, with storage lockers
(Burnsville High, MN)

Outdoor spaces + project workspace: student use outdoor space for messy/large projects
(High Tech High: Chula Vista, CA)

"School without walls": technology creates a Global Portal room, with projection on all walls and video conferencing for immersive experiences or interaction with students around the world
(Agnor-Hurt Elementary, VA)

Tour Concepts

Student Agency

- Whole school as learning/workspace
    - Writable surfaces: tables, walls, windows
    - Passive learning features (ex. Factoids on walls)
    - Display areas for student work (finished and in progress)
- Spaces for student autonomy
    - Work with passive supervision (clear sightlines)
    - Variety of spaces and tools to offer the right tool/tech/workspace at the right time
- Spaces to support individual inquiry, self-paced learning, and exploration
- Safety, security, and policy to allow student freedom of movement

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Whole school as learning/workspace: posts and inlay in cement create a sundial
(Discovery Elementary, VA)

Whole school as learning/workspace: results of interdisciplinary projects are shared in large wall displays so others can learn; student work becomes a part of the school until peeled off/painted over

(High Tech High: Chula Vista, CA)

Whole school as learning/workspace: writable walls and tables
(Jouett Middle School, VA)
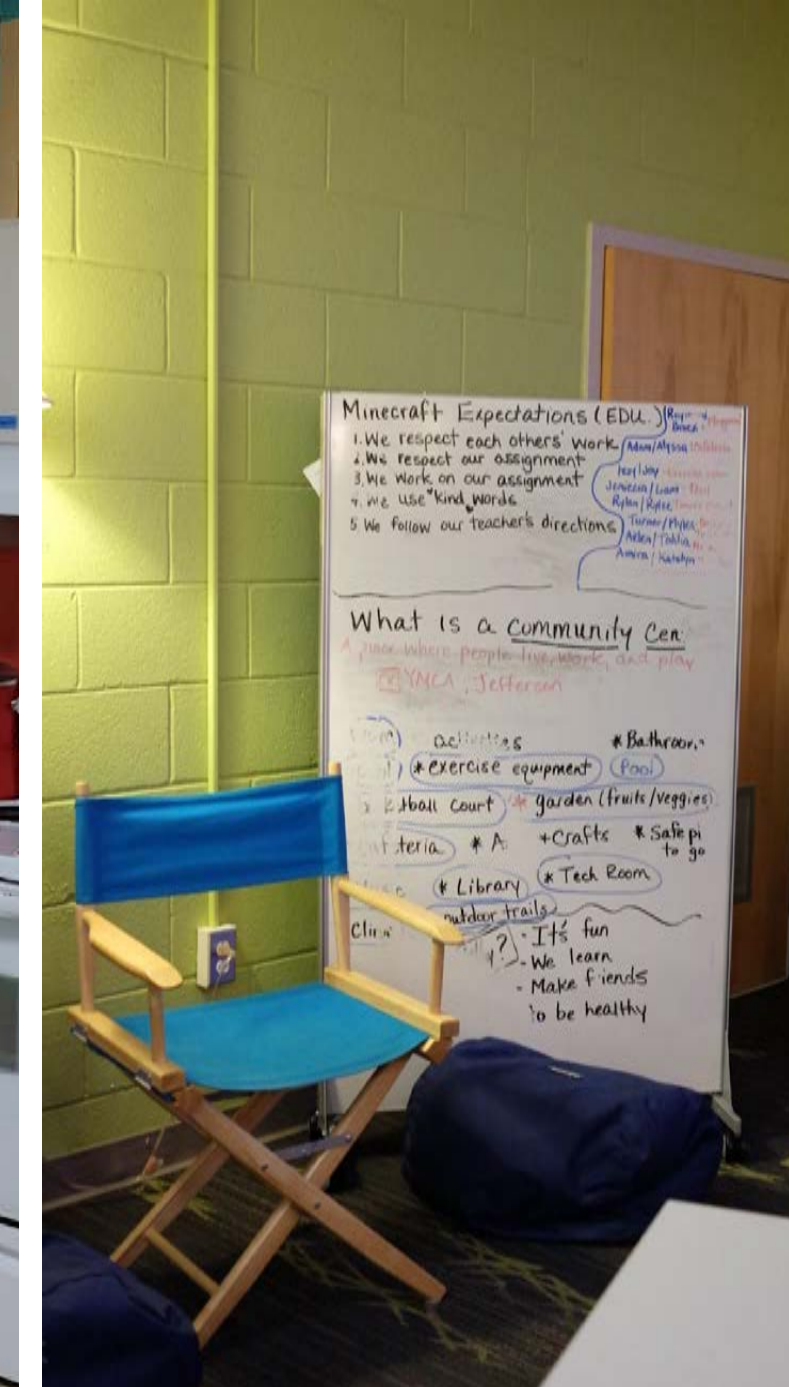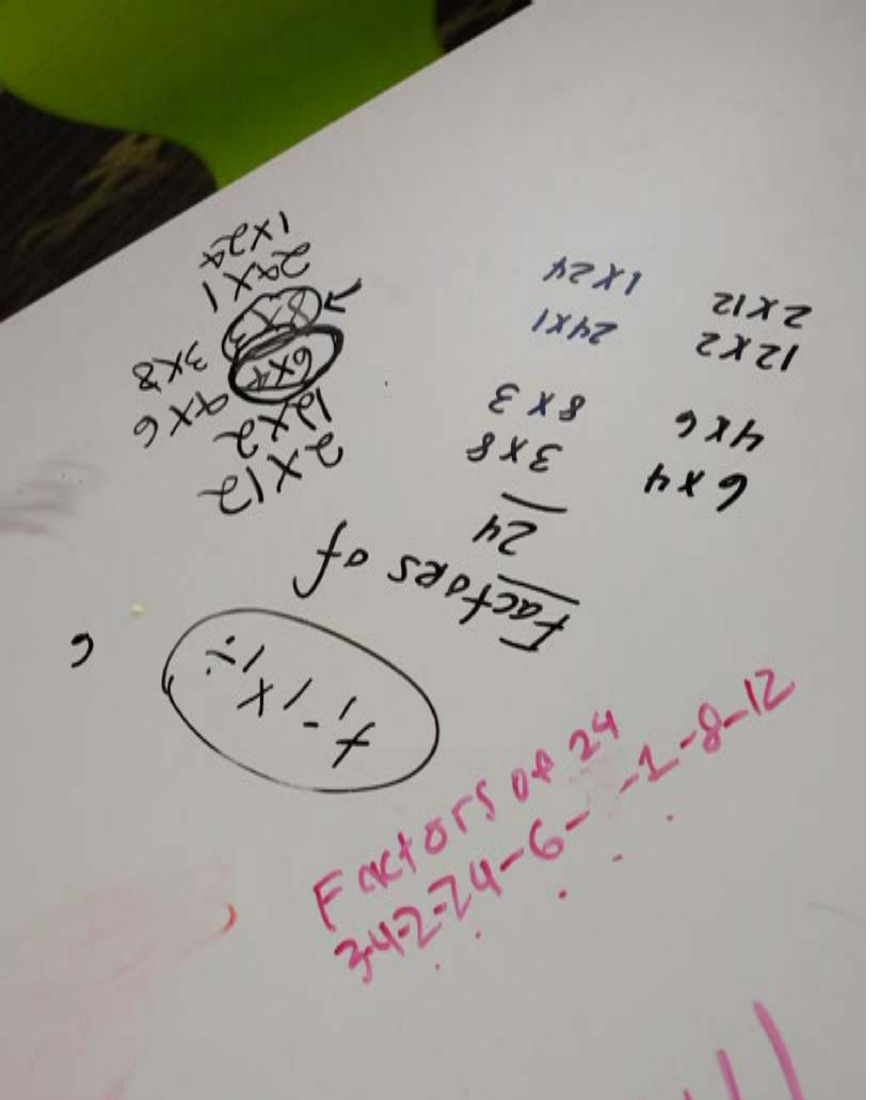
Whole school as learning/workspace: writable surfaces anywhere that can be cleaned with Expo spray
(Agnor-Hurt Elementary, VA)

Whole school as learning/workspace + student autonomy: writable cabinets provide storage and work surface; students work in small groups without intensive supervision
(High Tech High: San Diego, CA)
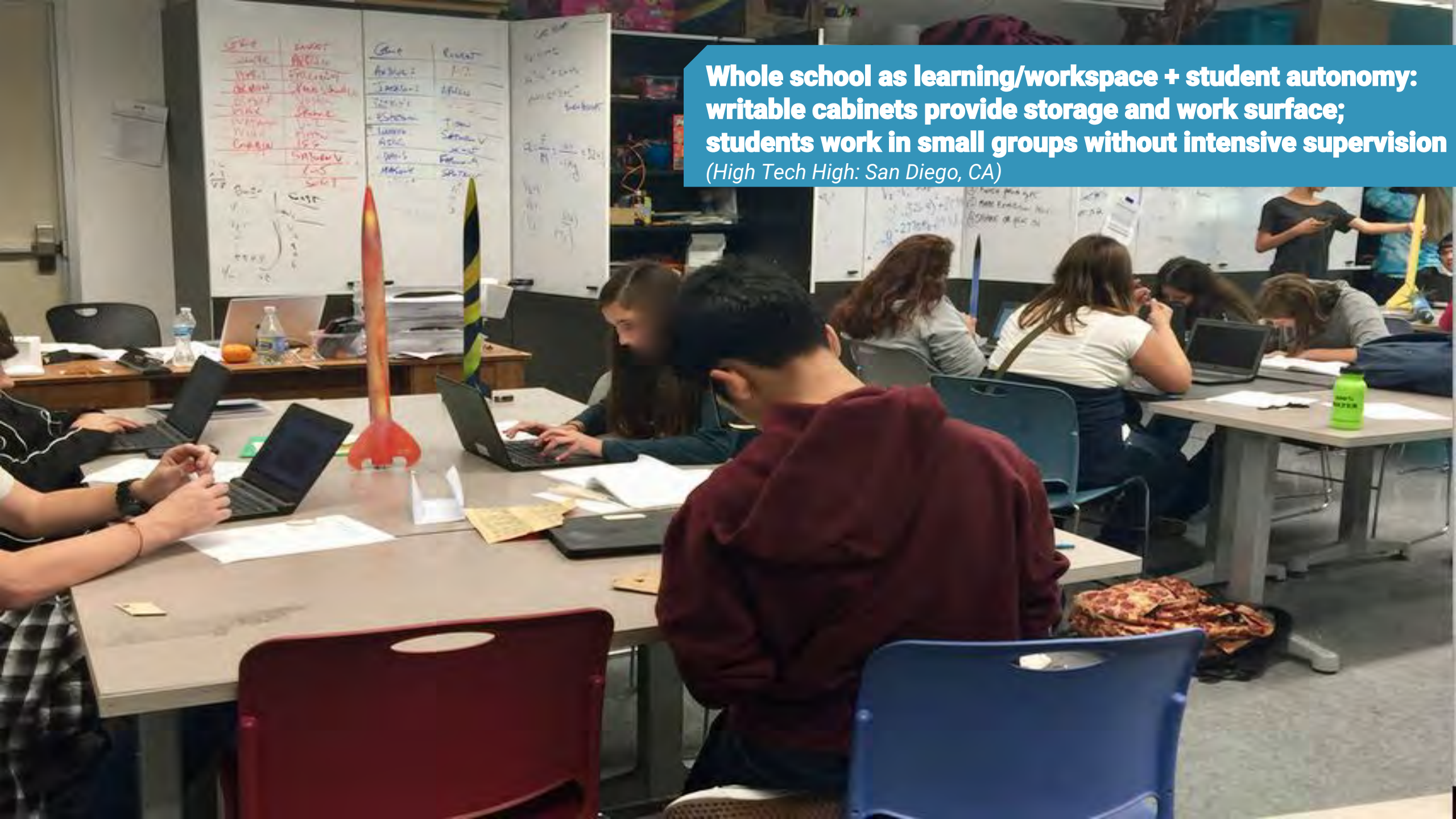
Where We're From

Fourth Grade, Room 242
Fall Trimester 2015
Poetry with Relief Print on Wood

Student agency: interdisciplinary display challenges students to combine skills while sharing their class identity
(High Tech High: Chula Vista, CA)
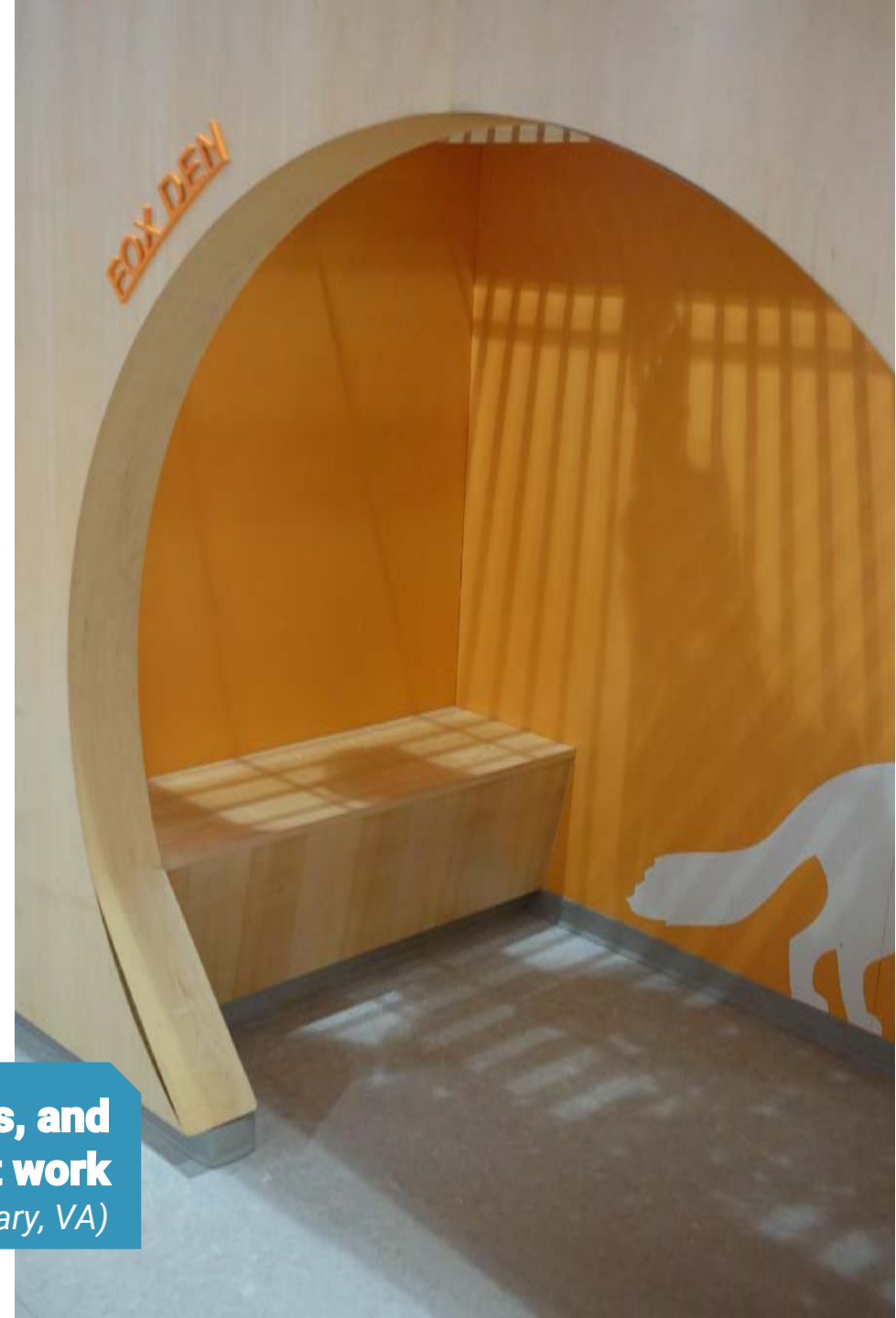
Student autonomy + Variety of space: a selection of nooks, tables, and benches in circulation provides students with choices for group or quiet work
(Discovery Elementary, VA)

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A Day in the Life of a K-4 Learner
Percentage of day spent in an activity type in 2027

November 2017

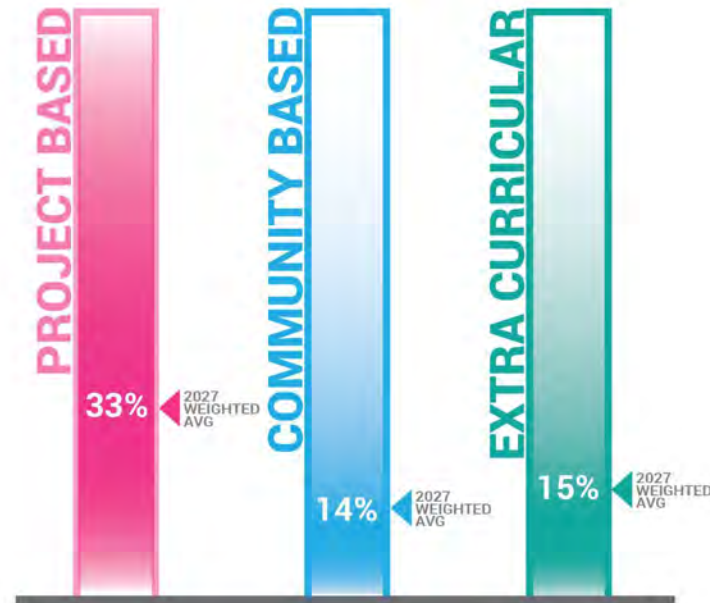Representative group of 12 educators

Experiences & Activities

PROJECT BASED — 25% 2027 WEIGHTED AVG

COMMUNITY BASED — 6% 2027 WEIGHTED AVG

EXTRA CURRICULAR — 6% 2027 WEIGHTED AVG
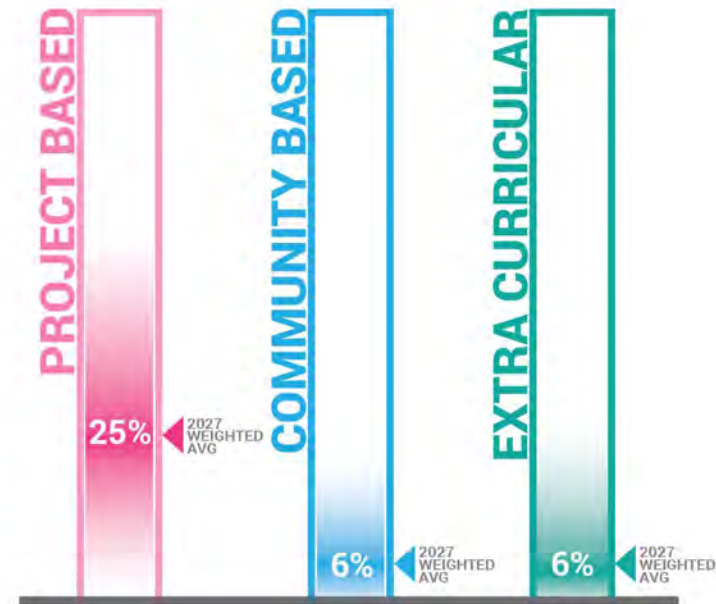
15% to 40%   Up to 15%   Up to 20%

December 2017

Additional input from 72 teachers and staff at all Winnetka D36 elementary schools

Experiences & Activities

PROJECT BASED — 32% 2027 WEIGHTED AVG

COMMUNITY BASED — 15% 2027 WEIGHTED AVG

EXTRA CURRICULAR — 14% 2027 WEIGHTED AVG

10% to 100%   5% to 25%   5% to 25%

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A Day in the Life of a K-4 Learner
Percentage of day spent in an activity type in 2027

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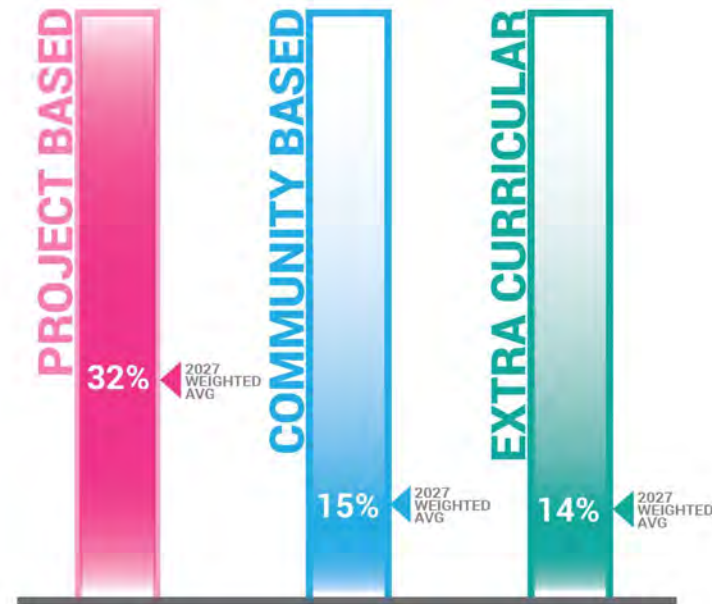
Major Themes

- Emphasis on project-based learning
  - Including multiage, fully integrated
- Balanced, developmentally appropriate environments
  - Indoors/Outdoors, Social/Private, etc.
- Technology to support learning activities, including:
  - Video-conferencing
  - Immersive experiences
  - Virtual sharing of student work
- Support for large scale, mixed media projects
  - Ex. Pioneer Room: costumes, music, videos, outdoor play, interactive maps, etc.
- Emphasis on outdoor play and learning

December 2017

Additional input from 72 teachers and staff at all Winnetka D36 elementary schools

Experiences & Activities

PROJECT BASED	COMMUNITY BASED	EXTRA CURRICULAR
32% (2027 WEIGHTED AVG)	15% (2027 WEIGHTED AVG)	14% (2027 WEIGHTED AVG)
10% to 100%	5% to 25%	5% to 25%

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