

LEARNING OUTDOORS

Re-seeing Pedagogy in Design
Mind + Body + Spirit

A4LE LearningSCAPES 2022 – San Antonio

06 October – Room CR #1-4 – 2:15pm – 3:45pm

SPEAKERS



Todd Ferking, DLR Group

Principal

National K-12 Education Design Leader

Marianna Lavezzo, LPA

ALEP, LEED AP

Director of School Planning



Dina M. Sorensen, d.studio

Assoc. AIA, LEED AP

Design Director

AIA-CAE Research Subcommittee



Lennie Scott-Webber PhD

INSYNC: Education Research + Design

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OBJECTIVES

1. Generating opportunities to encourage facilitated learning outdoors in natural settings while recognizing the impact on cognitive [mind] and physical body functioning [body], and emotional [spirit] needs using Universal Design Principles.
2. Intentionally designing with whole-body learning functions in mind integrating pedagogical practices with intentional design solutions;
3. Looking, re-seeing, critiquing mockup situations allowing for a reevaluation of the obvious, connecting Universal Design principles to building cues, critiques of mind, body and spirit design solutions; and
4. Collaborating actively actually stimulates the social connections with other attendees, questions will be asked to describe this learning experience relative to their own health, safety, and wellbeing.

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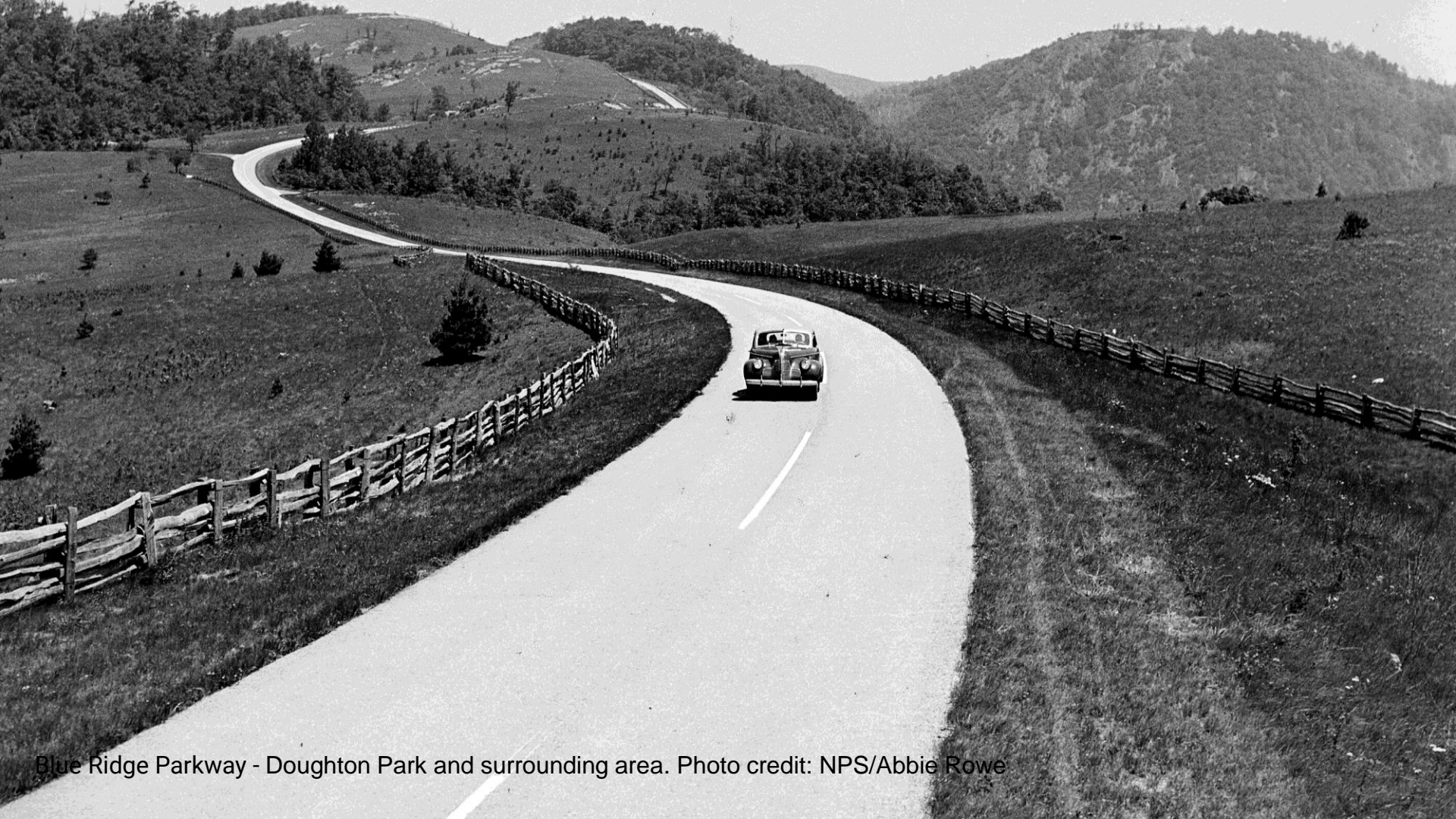


Crow Island School, Winnerka IL. Photo Courtesy: James Steinkamp, photographer

RESILIENCE

“The places where we live and learn are the grounds on which we stand and the springboards from where we leap.”

-Edith Ackermann



Blue Ridge Parkway - Doughton Park and surrounding area. Photo credit: NPS/Abbie Rowe

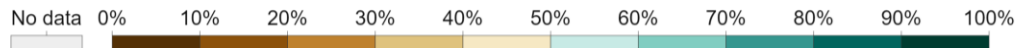
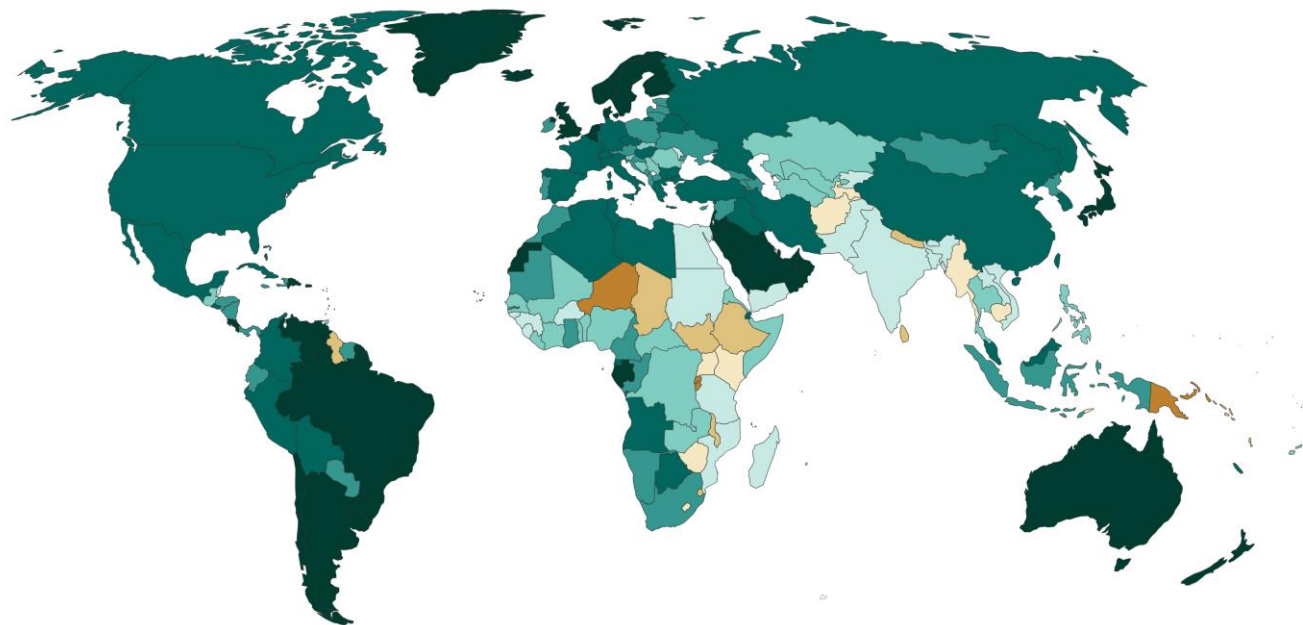


Levittown NY 1950's

6.7
Billion

Share of the population living in urban areas, 2050

Share of the total population living in urban areas, with UN urbanization projections to 2050.



Source: OWID based on UN World Urbanization Prospects 2018 and historical sources (see Sources) OurWorldInData.org/urbanization • CC BY

Note: Urban areas are defined based on national definitions which can vary by country.

290+
Million



Photo Courtesy: Dr. James Sallis _ Active Living Research

49+
Million



98+
Thousand



Eagle Rock Jr/Sr High School, Los Angeles CA. Photo Courtesy: Claire Latane



20+
Million







Photo Courtesy: Abe Moore, *Take it Outside*

THE POWER OF WELLBEING

“A reconnection to the natural world is fundamental to human health, well-being, spirit, and survival.”

-Richard Louv



Credit



Play Streets, Philadelphia PA. Photo Courtesy: Tiny WPA, www.tinywpa.org/public-spaces



Holly Street Garden, Philadelphia PA. Photo Courtesy: Tiny WPA www.tinywpa.org/public-spaces



Green Bronx Machine, New York NY. Photo Courtesy: Stephen Ritz, Green Bronx Machine



Name of Project, Location. Photo Courtesy: Add Credit Here

THE POWER OF CHANGE

“I always wanted to make a difference, but it was always along the lines of...when I grow up. It’s sad that it has to be this way, but I realize I don’t have time to grow up before I want to make a change.”

-Ta’Kaiya Blaney
Tla’amin First Nation | British Columbia



**18.9
Million**



YOUTH ADVOCACY

"I believe the best way young people can act against climate change is by educating the world on its impacts."

—Macdonald Chirara, 19, Zimbabwe
Founder of Everlasting Technology;
A social enterprise
Voicesofyouth.org



Educator Abe Moore

Adelaide Australia. Nature Play SA. Progressive education. Ungrading. Experiential learning. Radical advocate of children. He/him. Creator of Odd One Out.



@Arbay38

“Creating spaces for collaboration, storytelling and mindfulness was front of mind for students who designed and built a new outdoor classroom for our school.”

—Abe Moore

[:arbay38.medium.com/what-spirit-shall-it-have-86c9702391153](https://arbay38.medium.com/what-spirit-shall-it-have-86c9702391153)

Educator Herb Broda

Ohio. Herb is an emeritus professor of education in the Department of Curriculum and Instruction at Ashland University. He has taught both graduate and undergraduate courses with an emphasis on middle school education, instructional methods, and outdoor/experiential education.



@HerbBroda

“I coined the term *schoolyard-enhanced learning* to emphasize the use of the outdoors surrounding the school to enhance instruction in a variety of content areas.”

—Herb Broda

<https://movingtheclassroomoutdoors.com/about-me/>

Educator Randi Jones

North Carolina. Randi received a Bachelor's degree in American Sign Language and Photography from Columbia College and Master's degree from New York University in Teaching English to Speakers of Other Languages. She taught English as a Second Language and began her career as a Magnet Coordinator at MECME in 2017.



@randibethjones

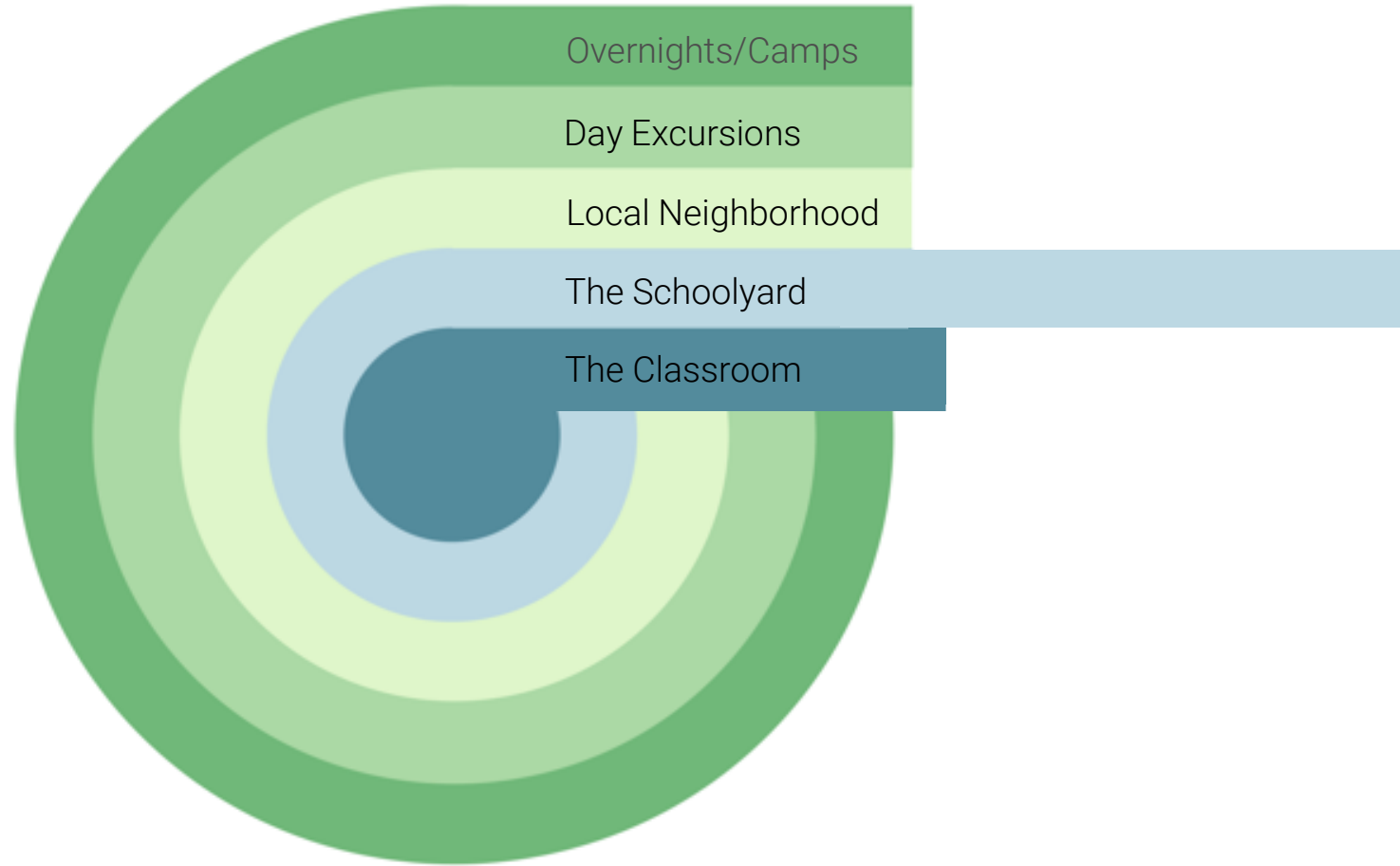
**“Why I love our theme,
Environmental and
Community Connections
- it encourages students
to explore, experience,
inquire and enjoy the
natural world around
them...to develop into
environmentally-minded
and caring citizens with
the tools and passion to
change the world.”**

—Randi Jones
Magnet Coordinator MECME - Wake County Public
Schools

THE POWER OF PLACE

“The places where we live and learn are the grounds on which we stand and the springboards from where we leap.”

-Edith Ackermann



The Four Zones of Outdoor Learning (Beames, Higgins, & Nicol, 2012) Adapted 2021 Source: Abe Moore.



Experience Zones

Gathering and Sit-Spots – Photo Courtesy Abe Moore



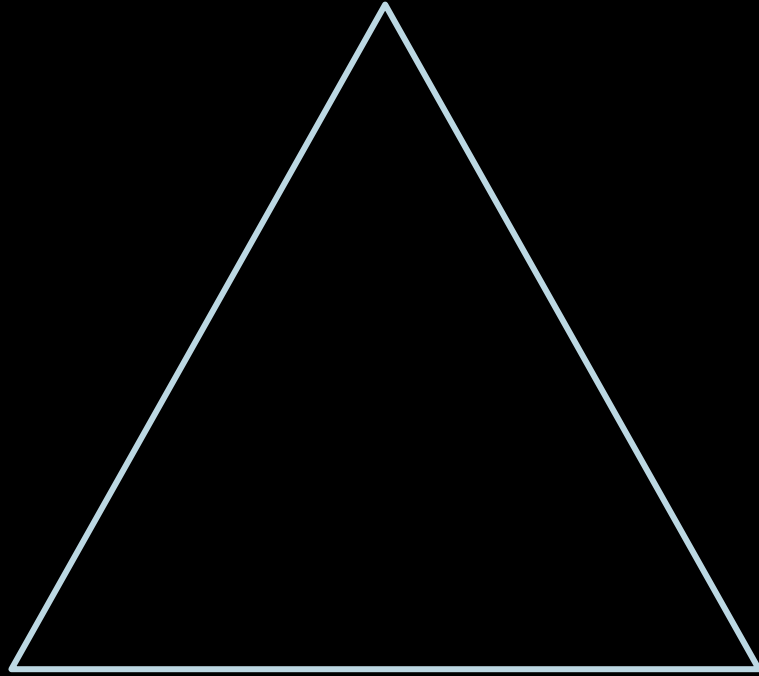
Experience Zones

Manassas Park ES, Manassas Park VA. Photo Courtesy: VMDO Architects & OWSW

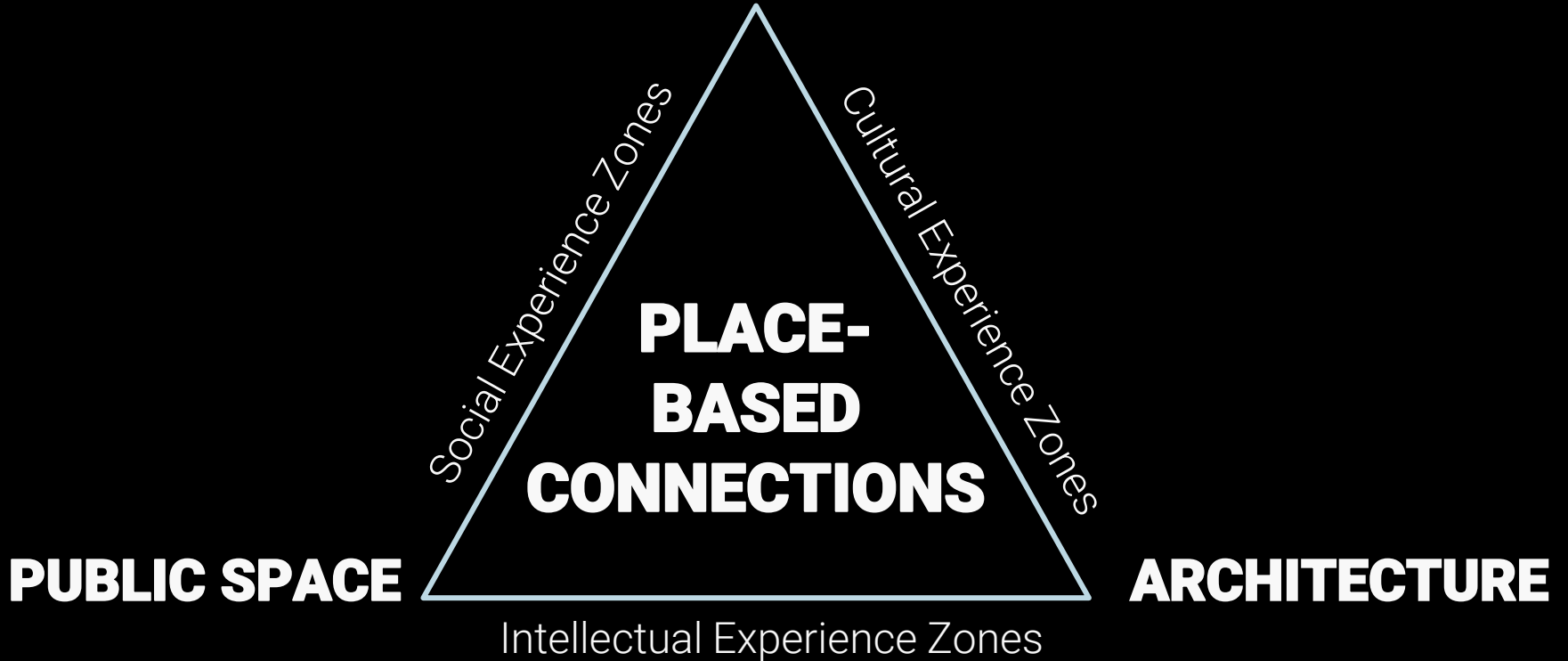
LANDSCAPE ARCHITECTURE

PUBLIC SPACE

ARCHITECTURE



LANDSCAPE ARCHITECTURE





Experience Zones

Manassas Park ES, Manassas Park VA. Stormwater Garden. Photo Courtesy: VMDO Architects & OWSW



Experience Zones

High Line New York City – James Corner and Piet Oudulf

THE POWER OF NATURE

An Ally for Teaching & Learning



Experience Zones

Slowing Down – Wonder



Experience Zones

Slowing Down - Curiosity



Experience Zones

Slowing Down – Autonomy



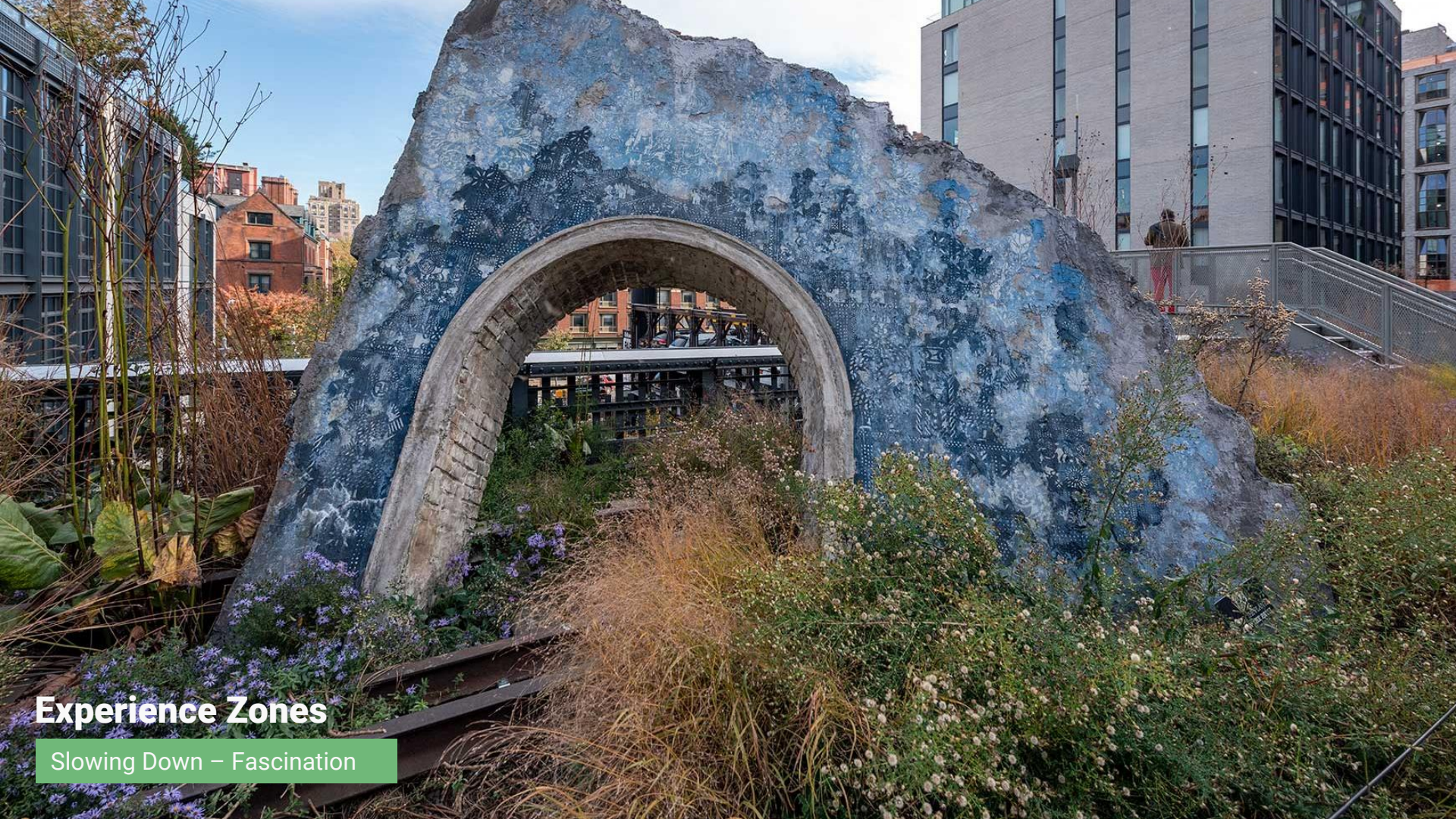
Experience Zones

Slowing Down – Sensing



Experience Zones

Slowing Down – Agency



Experience Zones

Slowing Down – Fascination



Experience Zones

Slowing Down – Caring



Experience Zones

Slowing Down – Sharing



Experience Zones

Slowing Down – Negotiating



Experience Zones

Slowing Down – Imagining

**“WHEN CHILDREN COME INTO CONTACT WITH
NATURE THEY REVEAL THEIR **STRENGTH.**”**

MARIA MONTESSORI



SM



MED



LG



Pollinators

Parts of a flower



Honey Bee



Eastern Tiger Swallowtail



Ruby-throated Hummingbird

Bluestone's wildflower meadow contains a variety of native plants that attract pollinators. The plants serve as habitats for pollinators such as bees, butterflies, moths, and hummingbirds. These insects and birds move pollen from one flower to another – allowing them to produce seeds for more plants. Most of the world's plants, including many of the crops we eat, rely on pollinators to reproduce.



Native
Meadow

XXL

TACTILE WORKSHOP

Re-seeing the Schoolyard
Real World Projects