

Bethesda-Chevy Chase and Walter Johnson Clusters Elementary Schools Capacity Study



June 5, 2019

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2 DLR Group: Who We Are

3 Project Overview

4 Process: Capacity & Site Selection

5 Questions & Answers

Your DLR Group Team



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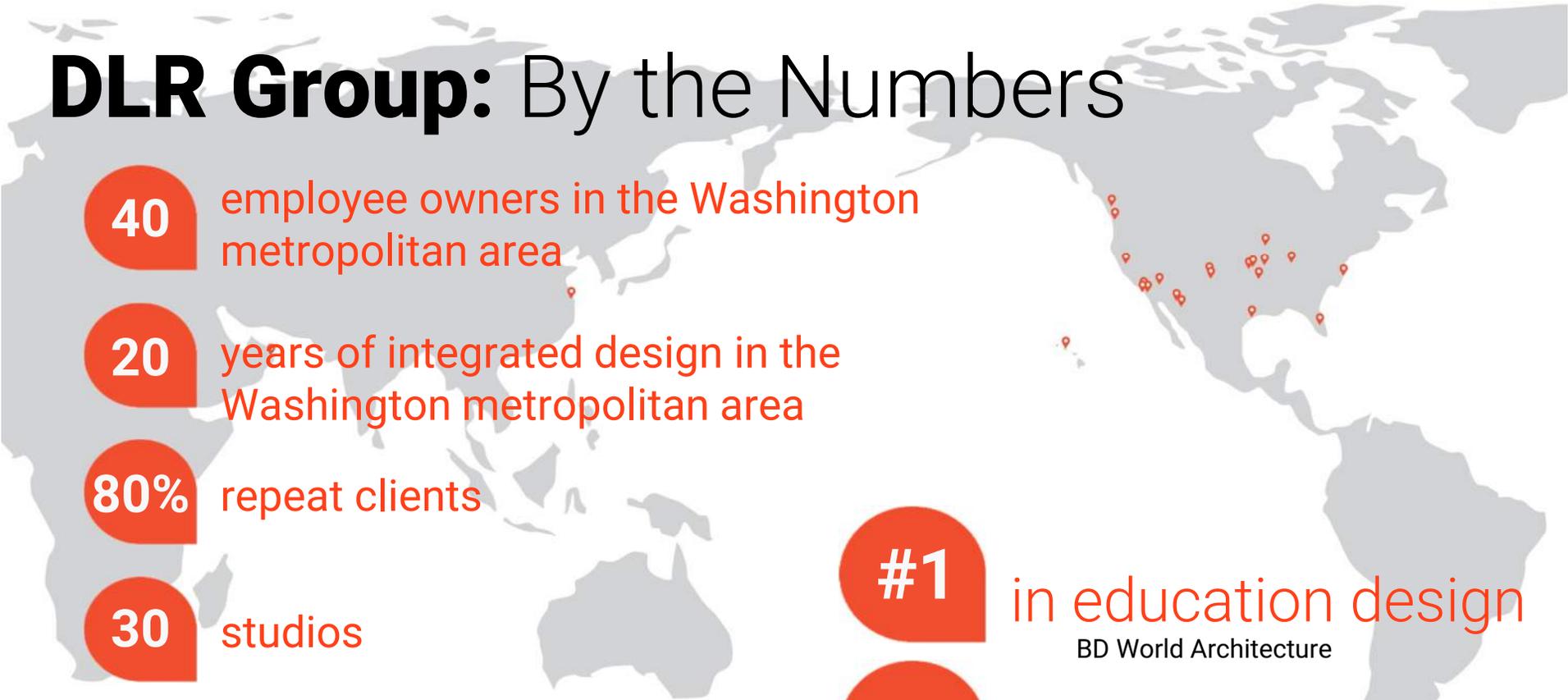


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AIA
Project Architect
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Kwame Bailey
Community Outreach
QA/QC

DLR Group: By the Numbers



40

employee owners in the Washington metropolitan area

20

years of integrated design in the Washington metropolitan area

80%

repeat clients

30

studios

30%

of staff are Montgomery County residents

#1

in education design

BD World Architecture

#2

in K-12 design

Building Design + Construction

A Snapshot of Our Portfolio



500 master plans

800 high schools

200 middle schools

850 elementary schools





Project Overview

Capacity Studies

MCPS Overview

Capacity Analysis Scope Includes:

- Survey of 13 schools relative to current use and capacity
- Options for expansion as appropriate

Capacity Analysis Scope Does Not Include:

- Re-evaluation of projections
- Separating of paired schools
- Program schools

Schedule

June	Cluster Meeting School Surveys
July	School Analysis Site Surveys
August	Study Options
September	Cluster Meeting Report Draft
October	Report Final Recommendations

Site Evaluation

MCPS Overview

Evaluation of Potential New Sites:

- Will follow MCPS CIP Guidelines
- Factors for evaluation include:
 - Geographic location relative to student population
 - Acreage
 - Physical condition
 - Environmental characteristics
 - Utilities
 - Acquisition options
 - Cost evaluation





School Capacity Process

Capacity Studies

Understanding the BCC Cluster

Bethesda-Chevy Chase HS (9-12)

Silver Creek MS (6-8)

Chevy Chase ES (3-5)

North Chevy Chase ES (3-5)

Rock Creek Forest ES (pre-K-5) (non-Immersion)*

Rosemary Hills ES (pre-K-2)*

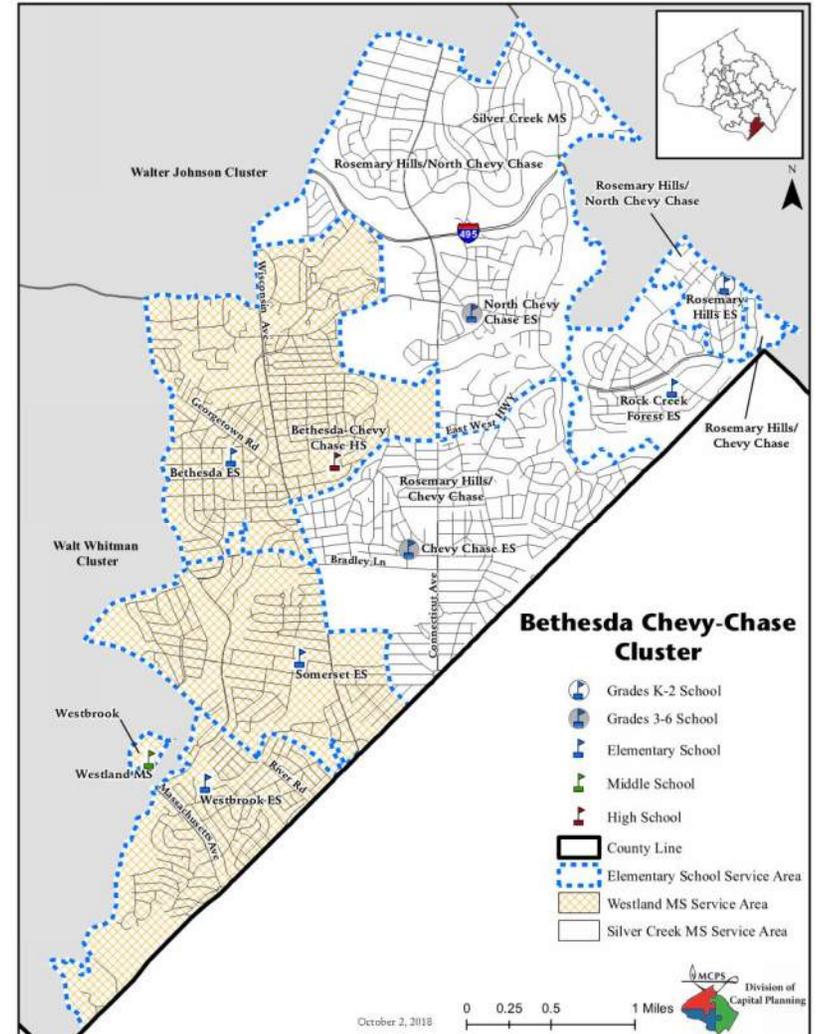
Westland MS (6-8)

Bethesda ES (K-5)

Rock Creek Forest ES (pre-K-5) (Spanish Immersion)

Somerset ES (K-5)

Westbrook ES (K-5)



Capacity Studies

Understanding the WJ Cluster

Walter Johnson HS (9-12)

North Bethesda MS (6-8)

Ashburton ES (K-5)

Kensington Parkwood ES (K-5)

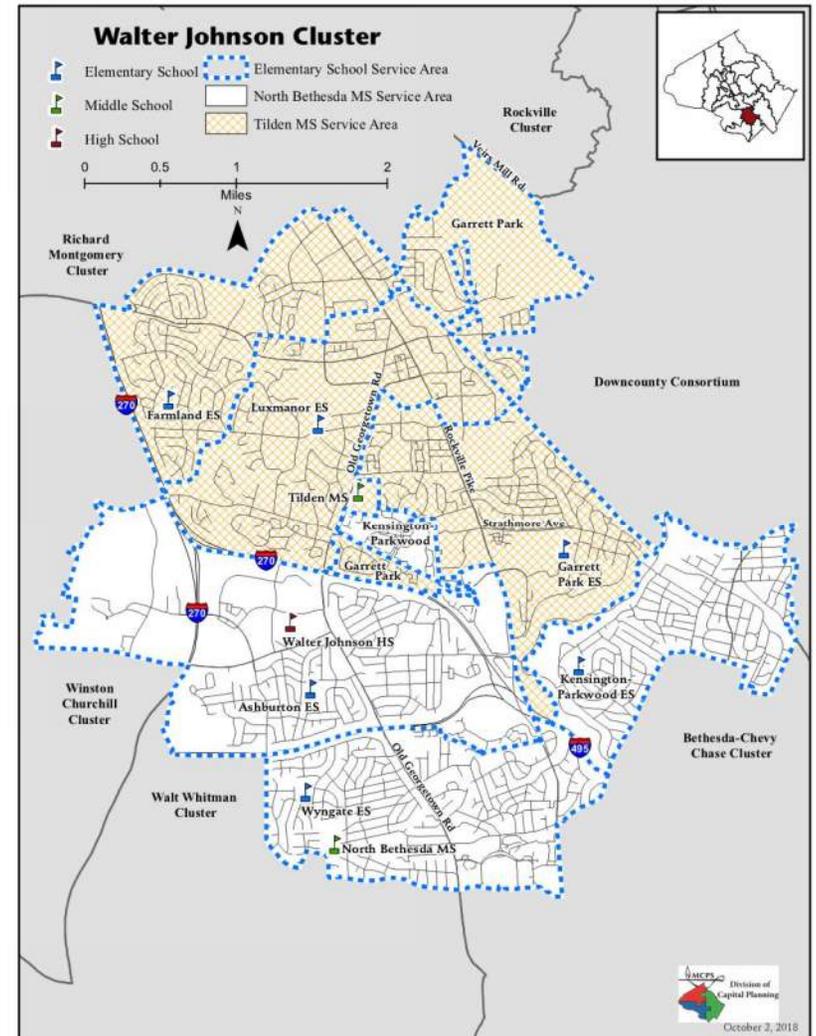
Wyngate ES (K-5)

Tilden MS (6-8)

Farmland ES (K-5)

Garrett Park ES (K-5)

Luxmanor ES (K-5)



Site Comparison

The BCC Cluster

Silver Creek MS (6-8) Feeder Schools



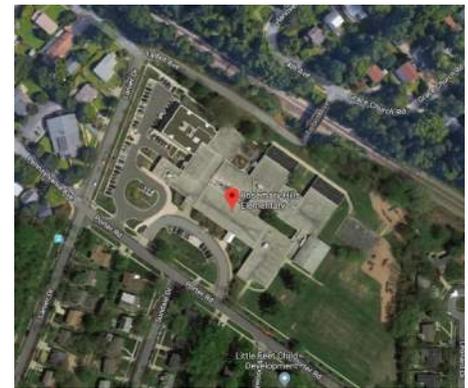
Chevy Chase ES (3-5)



North Chevy Chase
ES (3-5)



Rock Creek Forest ES
(pre-K-5) (non-
Spanish Immersion)*



Rosemary Hills ES
(pre-K-2)*

Site Comparison

The BCC Cluster

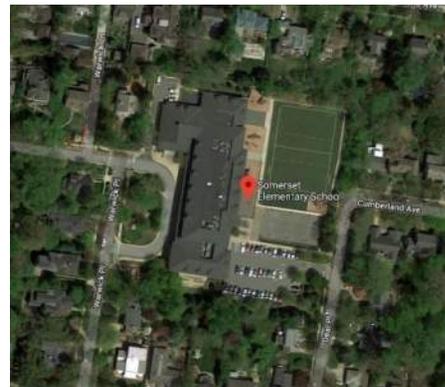
Westland MS (6-8) Feeder Schools



Bethesda ES (K-5)



Rock Creek Forest
ES (pre-K-5)
(Spanish
Immersion)*



Somerset ES (K-5)



Westbrook ES (K-5)

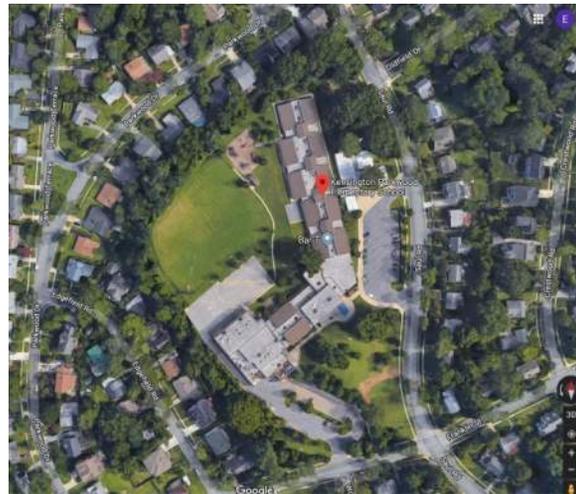
Site Comparison

The WJ Cluster

North Bethesda MS (6-8) Feeder Schools



Ashburton ES (K-5)



Kensington
Parkwood ES (K-5)



Wyngate ES (K-5)

Site Comparison

The WJ Cluster

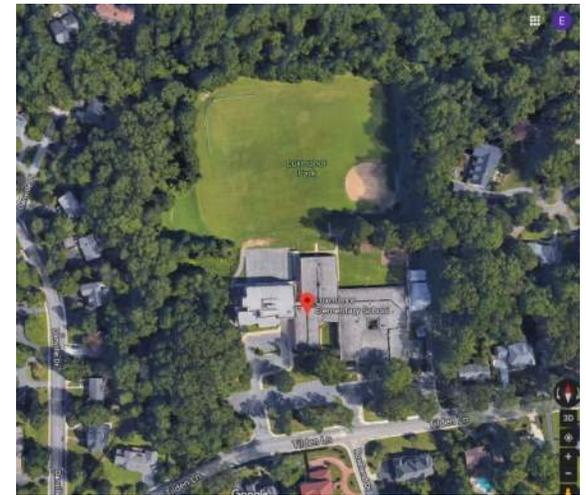
Tilden MS (6-8) Feeder Schools



Farmland ES (K-5)



Garrett Park ES (K-5)



Luxmanor ES (K-5)

Building Community

Understanding and Consensus

- Share preliminary findings with schools and clusters
- Talk to school stakeholders to ensure mutual understanding of qualitative issues
- Hold a listening session with cluster representatives
- Develop options to ensure transparency and support sound recommendations

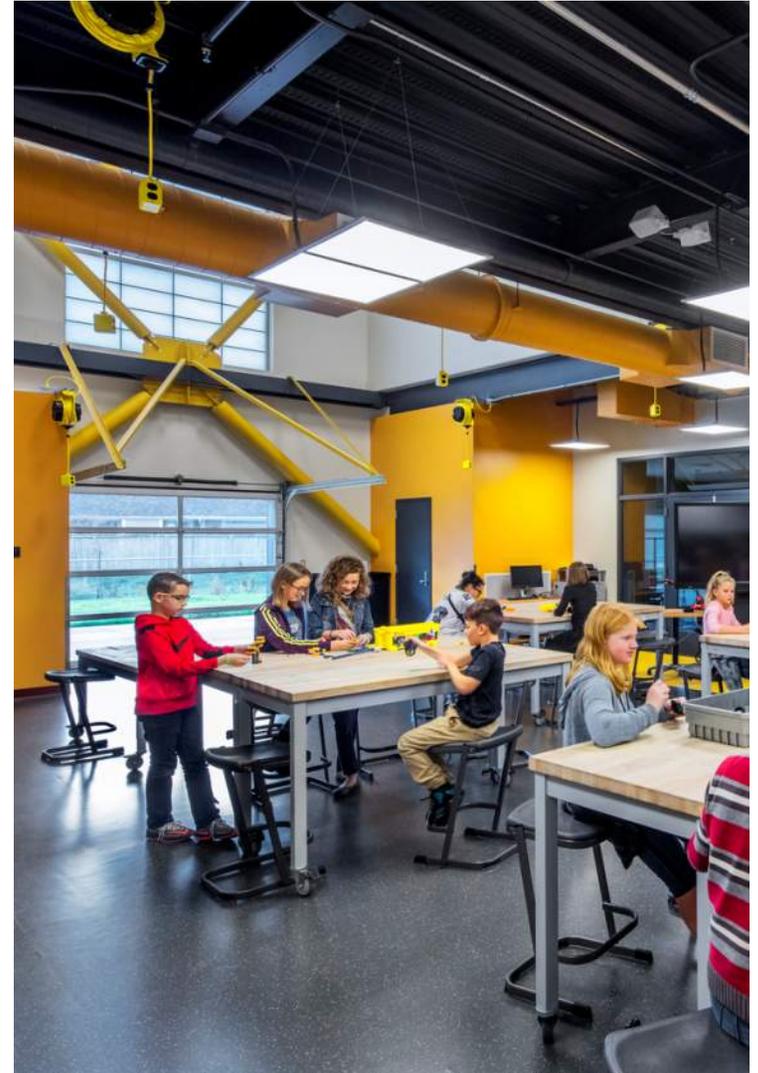


Capacity Studies

Understanding & Experience

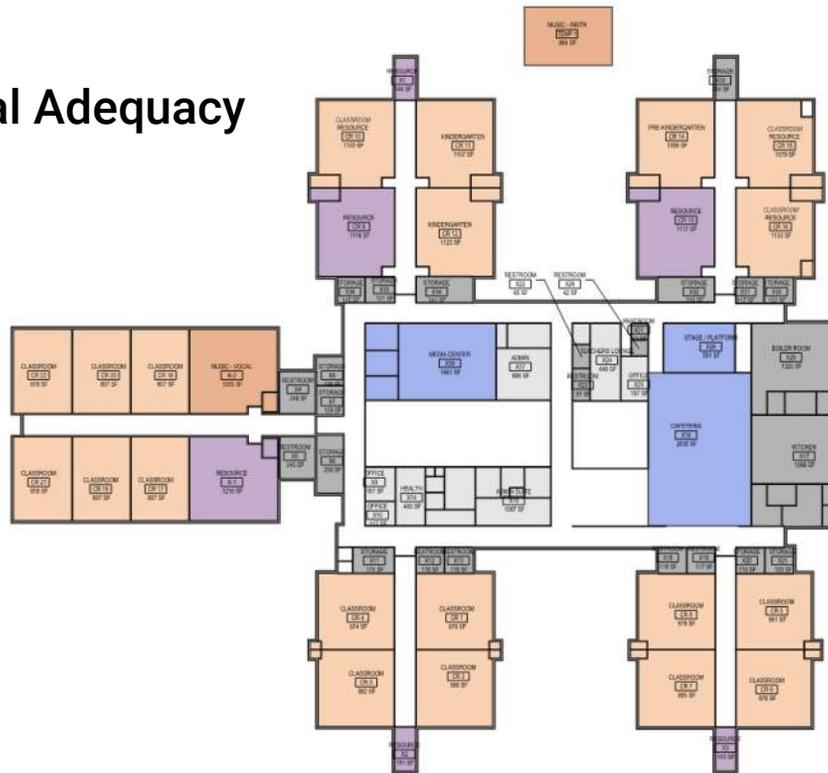
For each school, we will collect data, study the building and site, and analyze:

- Current core capacity
- Current program capacity
- Current and projected enrollment
- Identify any specific issues and constraints
- Calculate potential excess capacity after addition(s)
- Relationships to other schools (paired schools, geographic relationship, etc.)
- Utilization and educational adequacy
- Proposed core capacity
- Projected program capacity with addition



Study Methodology

- Capacity
- Utilization
- Educational Adequacy



Site Utilization Report 11/26/14

School	Allenwood ES	School Type	K-6	Region	South
Address	6300 Harley Ln, Temple Hills, MD 20748	Cur Enroll	416	SB District	8
		SFN	16.06320	7yr Proj Enroll	354
2014 Reported SRC	449	SQFT	48,686	PSC	16.2050

Type of Room	# of Rooms	100%	85%	Total
PreK/HS/EEEP	1	20		20
Kindergarten	2	44		44
Regular (ELEM)	17	391		391
Regular (Sec)	0	0	0	0
Special Ed	0	0		0
Gym (Sec)	0	0	0	0
Career Tech	0	0		0
Alternative Program	0	0		0
Relocatables	0			
N/A (Support)	25			
N/A (Non-Capacity)	2			
N/A (Shared Spaces)	3			
OTHER USE (Purpose-Built)	0			
N/A (Admin)	7			
Non-Conforming Rooms	3			
Total Classrooms*	20			
Resource	6			
Total Rooms*	63			

*Does not count Relocatables in the total.

	Capacity	Current Utilization	Current Open Seats	Projected Utilization (7 Yrs)	Projected Open Seats
As Utilized Capacity	386	108%	-30	92%	32
Underlying Capacity	455	91%	39	78%	101
Updated SRC	455	91%	39	78%	101
% Change from Previous SRC			1.3%		
% of Spaces with Non-Conforming Use:			4.8%		
Area of Spaces with Non Conforming Use:			3312 SQFT		



Site Evaluation Process

Establish Guiding Principles



Safe Access Guidelines



Student-Centered Learning



Educational Specifications



Site as a Teaching Tool



Immersed in Nature



Fostering Environmental
Stewardship



Maintain the Residential
Ideal

Analyze

Building Orientation Thoughts



Analyze

Vehicular Circulation Thoughts

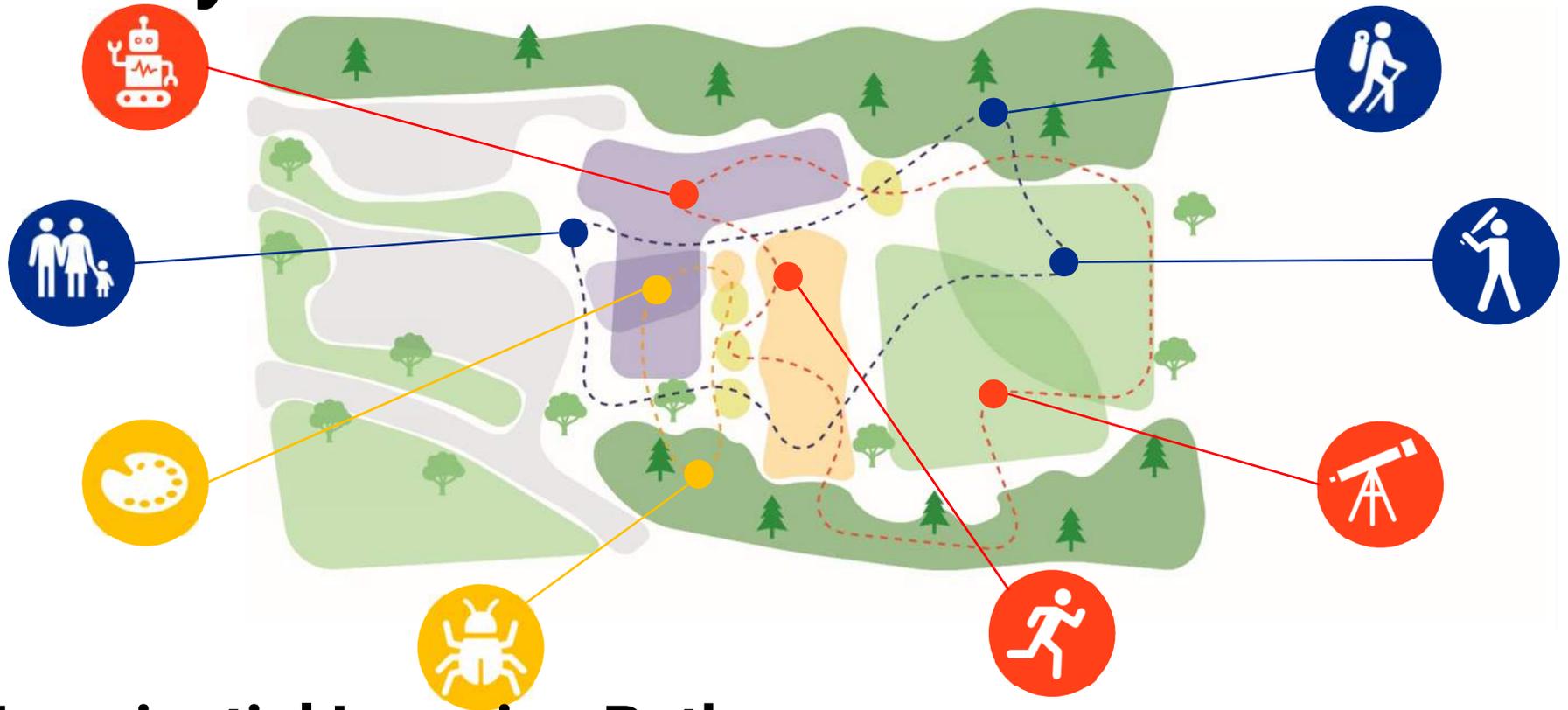


Analyze



Conceptual Site Diagram

Analyze



Experiential Learning Paths

● Elementary Student Path ● Visitor/Parent Path ● Pre-K Student Path



Questions & Answers

THANK YOU!



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