



Bringing wonder to the lives of children, naturally!

...and helping them to grow up great!



Our Mission

to inspire joy and wonder in children, educators and communities with a heart-centered approach to early education.

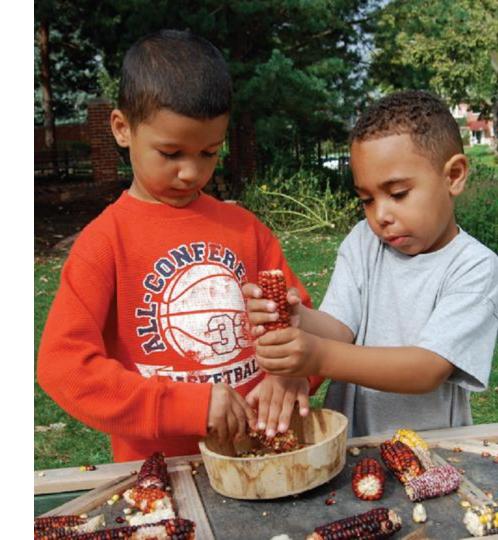


What is a Nature Explore Outdoor Classroom?



Outdoor Classrooms

- All shapes and sizes
- All budgets
- All climates
- All program types
- Renovations or new construction















Nature Explore Design Benefits

- Research-based & field-tested
- Multi-disciplinary team
- Collaboration and consensus
- Efficient design process
- 20+ years of learning from each project
- On-going support



Selecting a Grant Recipient

Who is ready to take this on?

Site Conditions that Impact Cost





Conditions that Impact Cost

- Size
- Site conditions and access
- Demolition
- Slope
- Vegetation
- Fencing or Irrigation/water access
- Utilities, easements, permitting, & setbacks
- Program bidding requirements



Design Process

An overview of our approach

Design Process

Learn about your program



Understand your site



Develop your vision









Design Process

Present your concept plan



Plan for success



Ongoing support









Your Concept Design Package

A ENTRY/FLEX AREA

- NEW CONCRETE PATH
- OVERHEAD ARBORS
- DECORATIVE CONTAINER PLANTINGS

GATHERING AREA

MOVABLE BENCH SEATING MULCH SURFACING

BUILDING AREA

- TABLES, SEATING AND STORAGE
- VARIETY OF BUILDING BLOCKS STAMPED/COLORED CONCRETE (WOOD PLANKS)

NATURE ART AREA

- TABLES, SEATING AND STORAGE
- VARIETY OF NATURAL LOOSE PARTS AND ART MATERIALS.
- ART PANEL LOCAL/REGIONAL FLAGSTONE FLOORING OR STAMPED CONCRETE

MESSY MATERIALS AREA

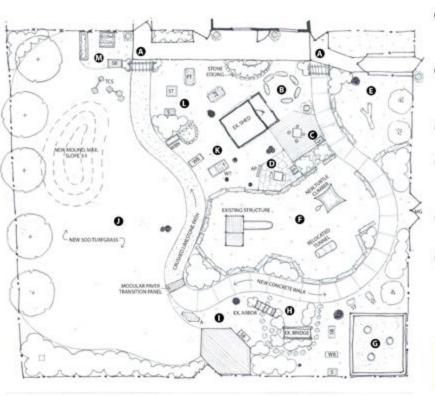
- ANCHORED NATURAL LOG PERIMETER
- GIANT TREE COOKIES LARGE LOOSE PARTS MULCH SURFACING

CLIMBING AREA

- LARGE, ANCHORED NATURAL LOG PERIMETER
- MULCH SURFACING
- **EXISTING STRUCTURE TO REMAIN**
- RELOCATE TUNNEL AND INSTALL TURTLE

G SAND AREA

- EXISTING IN-GROUND SANDROX TO REMAIN
- SAND/SENSORY TABLE
- STORAGE BENCH
- WORKSENCH



C SARAH'S GARDEN (PATHWAYS)

- SENSORY PLANTS WITH VARIED COLOR/TEXTURE/ SIZE/BLOOMTIME
- FLAGSTONE STEPPING STONES
- EXISTING ARBOR, BRIDGE AND MAPLE TO REMAIN

MUSIC & MOVEMENT AREA

- EXISTING STAGE TO REMAIN, REMOVE INTERIOR
- FENCE PANEL
- AVAMBIRA STORAGE FOR HAND HELD INSTRUMENTS AND
- DANCING SCARVES MULCH SURFACING

OPEN AREA

- DROUGHT TOLERANT, HIGH TRAFFIC TURE GRASS LOW MOUND
- SENSORY AREA
 - MULCH SURFACING
 - IN GROUND DIRT DIGGING BED WATER TABLE (COMMUNITY PLAYTHINGS)
- LONG HANDLED TOOL STORAGE ON SHED

TODDLER GATHERING

- TODOLER SENSORY TABLE, PICNIC TABLES
- VARIETY OF RICH, SENSORY PLANTINGS

M GARDEN AREA

- RAISED PLANTER BEDS WX/FTERED AND B'X 2" **RECTANGULAR**
- FRUITING TREES

LEGEND

5:STORAGE AP: ART PANEL ST: SENSORY TABLE PT: TABLE

A: AKAMBIRA WIS: WORKBENCH

SB: STORAGE BENCH MG: MAINTENANCE GATE WIN: WORM BIN TCS: TODDLER CLIMBING SET



Montessori School for Young Children | Lincoln, NE Concept Plan | 12.02.22



<2023 Dimensions Foundation

NOT INTENDED FOR CONSTRUCTION























ENTRY/FLEX AREA

- NEW CONCRETE PATH
- OVERHEAD ARBORS (picture 1) DECORATIVE CONTAINER PLANTINGS

GATHERING AREA

MOVABLE BENCH SEATING (picture 4) MULCH SURFACING

BUILDING AREA

- TABLES, SEATING AND STORAGE VARIETY OF BUILDING BLOCKS
- MODULAR PAYERS OR MULCH WITH SMALL WOOD PLATFORM

NATURE ART AREA

- TABLES, SEATING AND STORAGE
- VARIETY OF NATURAL LOOSE PARTS AND ART MATERIALS
- ART PANEL (picture 11)
- LOCAL/REGIONAL FLAGSTONE FLOORING OR STAMPED CONCRETE (picture 7)

MESSY MATERIALS AREA

- ANCHORED NATURAL LOG PERMETER (picture 8) GIANT TREE COOKIES/LARGE LOOSE PARTS
- MULCH SURFACING

CLIMBING AREA

- LARGE, ANCHORED NATURAL LOG PERIMETER
- MULCH SURFACING
- **EXISTING STRUCTURE TO REMAIN**
- RELOCATE TUNNEL AND INSTALL TURTLE

G SAND AREA

- EXISTING IN-GROUND SANDBOX TO REMAIN
- SAND/SENSORY TABLE STORAGE BENCH
- WORKBENCH

SARAH'S GARDEN (PATHWAYS)

- SENSORY PLANTS WITH WARIED COLOR/TEXTURE/ SIZE/BLOOMTIME
- FLAGSTONE STEPPING STONES (picture 9) EXISTING ARBOR, BRIDGE AND MAPLE TO REMAIN



MUSIC & MOVEMENT AREA

- EXISTING STAGE TO REMAIN, REMOVE INTERIOR. FENCE PANEL
- AKAMBIRA (picture 3)
- STORAGE FOR HAND HELD INSTRUMENTS AND DANCING SCARVES
- MULCH SURFACING

OPEN AREA

- DROUGHT TOLERANT, HIGH TRAFFIC TURE GRASS.
- CALICOM MOTI COMMUNITY PLAYTHINGS TODDLER CLIMBING SET (picture 5)

SENSORY AREA

- MULCH SURFACING
- IN GROUND DIRT DIGGING BED (picture 10) WATER TABLE ICOMMUNITY PLAYTHINGS
- CASCADE
- WORKBENCH
- LONG HANDLED TOOL STORAGE ON SHED.

TODDLER GATHERING

- TOODLER SENSORY TABLE, PICNIC TABLES
- VARIETY OF RICH, SENSORY PLANTINGS.

GARDEN AREA

- RAISED PLANTER BEDS (4'X4'TIERED AND 8'X 2'
- RECTANGULARI (nicture 2)
- FRUITING TREES.

LEGEND

5:STORAGE A- AKAMBIRA APLART PANEL WS: WORKBENCH ST: SENSORY TABLE PT: TABLE

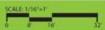
SB: STORAGE BENCH MG: MAINTENANCE GATE

WIN WORM RIN TCS: TODOLER CLIMBING SET



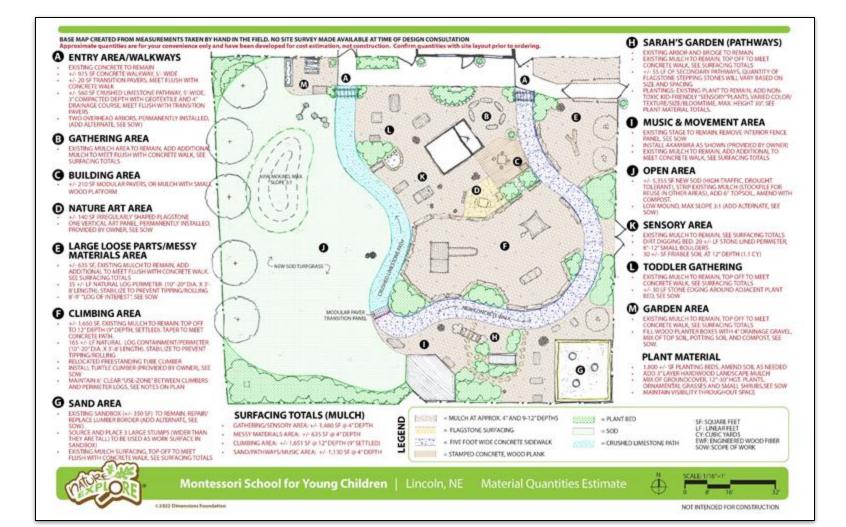
Montessori School for Young Children | Lincoln, NE | Concept Plan | 12.02.22





0 1022 Dimensions Foundation

NOT INTENDED FOR CONSTRUCTION.





Project Summary

First Presbyterian Day School | Hilton Head, SC

Provided by:

Gavin Ludovici, MLA & MCRP Nature Explore Designer

Kirsten Haugen, MA Nature Explore Education Specialist

January 12, 2022

Thank you for deepening your commitment to connect children with the natural world by creating a Nature Explore Outdoor Classroom! As you transform your space, you are joining a growing number of schools, early childhood programs, nature centers, zoos, parks, and other public spaces that are creating Nature Explore Outdoor Classrooms in the places where children spend their days. Please view this nation-wide network of Certified Nature Explore Classrooms at nature explore, org and learn more about the work of Dimensions Educational Research Foundation that makes these spaces possible.

In collaboration with your team, our designer-educator team developed the included concept plan for your outdoor classroom. It's grounded in field-tested, research-based principles for creating effective spaces that support children's interactions with the natural world and personalized for your program and space by interweaving the thoughtful ideas and feedback from your team.

Your concept package includes:

- This project summary noteworthy features and considerations unique to your space A black & white concept plan – helpful to share with the team who will implement your
- A full color concept plan useful for sharing with your community and to support
- Materials estimates quantities or volumes of surfacing and plant material, plus suggested furnishings and loose parts needed to complete the space

TYDO A Street | Green's, ME 645-10 | all2-457-4712 | infe@naturescylon.org | naturescylon.org



Dimensions Educational Research Foundation Lincoln NE 68510 Phone: (402) 467-6112 Fax: (402) 467-6118

ESTIMATE

Date: 1:000023 Estimated EST3068

Sell To Address

PO#

The First Presbyterian Day School 540 William Hilton Parkway Hilton Head Island SC 29928 United States (843) 681-3695

Bill To Address The First Presbyterian Day School 540 William Hilton Parkway Hilton Head Island SC 29928 (843) 681-3695

Ship To Address The First Presbyterian Day School 540 William Hilton Parkway Hilton Head Island SC 29928 United States

(843) 681-3695 Expires 279/2023 **Customer Project**

Orders containing two or more items may be delivered in

Rem	here or more items may be	newwood II	nultiple t	Ablomout	
3914	Description		-	perspectat.	
6920	Cactus Rain Stick, Large		Qui	intity	Rate Amount
5138	Cactus Rain Stick, Small		81	~~~	
	StapBoox, Junior		2		417.0
5213	(please allow approximately 2-4+ weeks to shi	**	1	\$290	940/00
6993					8.00 \$299.00
4868	(please allow approximately 2-4+ weeks to ship) Animal Shakers, Set of 3		\$329	00 \$329.00	
5226	Dancing Scarves, 5 sets of 12		2	\$29.0	00 4
5548	Shape Sorter Bench		1	\$159.0	406.00
6982	Baby's First Tree Blocks, set of 12		1	\$34.0	# 159.QQ
7012	Wooden Vehicles, Set of 4		2	\$32.00	
3938	Wooden Curved Board		2	\$36.00	
3939	Imagination Fabric - Yellow		1	\$199.00	
3940	Imagination Fabric - Blue		1	\$35.00	\$35.00
4265	Imagination Fabric - Green		1	\$35.00	\$35.00
4266	Imagination Fabric - Red	,		\$35.00	\$35.00
5254	Imagination Fabric - Orange Imagination Fabric - Purple	1		\$35.00	\$35.00
7036	Garden Hand Tools, set of 3	1		\$35.00	\$35.00
7037	Watering Can	2		\$35.00	\$35.00
7058		2		\$13.00	\$26.00
1936	Outdoor Mat, Medium (5'1" x 6'6") - Ocean Blue Giant Tree Cookies (10" Dia.), Set of 10 (please allow approximately 4-din weeks to ship)			\$13.00	\$26.00
				\$79.00	\$79.00
	to ship)			\$129.00	\$129.00

MONTESSORI SCHOOL FOR YOUNG CHILDREN SCOPE OF WORK: DRAFT 01.30.23

II SUPPLIES I	
BASE BID (including mulch & bed prep)	ubmission of initial bid)
provide to be determined	
(Alant allowance of	
(pre-riche)	SIGEWAIN.
totegral color in concre-	5
(plant allowance to be ordered and alternate #1- Integral color in concrete #20 ALTERNATE #2- Modular Paver Transition	· · ·
ADD ALTERNATION NO. Modular Payer Transport	ner arbor)
ADD ALTERNATE #1- Integral color in concrete ADD ALTERNATE #2- Modular Paver Transition ADD ALTERNATE #3- Arbor installation (price ADD ALTERNATE #4- Building Area: Modular in ADD ALTERNATE #4- Buil	per acces 6
PUDD AND ATTEMS. Arbor Imposed Andreas	Payers
ADD ALTEROACTE TO CITATION Area: Modular	5
THE ALTERNATE #4. BUILDING	A STATE OF THE PARTY OF THE PAR
ADD ALTERNATE #8- Building Area: Modular ADD ALTERNATE #8- Rebuild Sandbox Frame ADD ALTERNATE #8- Rebuild Sandbox Frame	
ADD ALTERNATE ME THE	
MDO METERS	

- Contractor is responsible for locating and protecting all existing utilities as applicable.
- Contractor shall work with owner to coordinate schedule and site access.
- Contractor is responsible for final construction. Nature Explore shall have no liability or responsibility for actions or inaction in connection with any Nature Explore items or any damage or liability that arises during construction or use.
- Contractor is responsible for protecting all existing trees. Coordinate with owner on

CONCEPT PLAN DESIGN IS BASED ON HAND-WHEELED FIELD MEASUREMENTS. NO SURVEY INFORMATION MADE AVAILABLE TO THE DESIGN TEAM AT TIME OF CONSULTATION, FINAL LAYOUT MAY VARY FROM CONCEPTUAL DESIGN BASED ON CONDITIONS IN THE FIELD. MATERIAL QUANTITIES AND VOLUMES ARE FOR ESTIMATING PURPOSING ONLY, CONFIRM PROJECT PRICE AND FINAL QUANTITIES WITH FIELD LAYOUT PRIOR TO ORDERING AND INSTALLATION OF CONSTRUCTION MATERIALS, Confirm with Owner octuol project cost with initial estimate to determine any necessary budget adjustments.

GENERAL DEMO/SITE PREP (includes but may not be limited to...)

- Care should be taken to protect all utilities and existing trees. Limited earthwork/excavation as needed for installation of proposed surfaces, sod, concrete footings, and to maintain positive drainage. Prepare subgrade as needed to
- Final plan layout may vary from conceptual design based on conditions in the field. Adjust layout as needed per field conditions and to maintain existing drainage patterns. Confirm final layout with Owner.

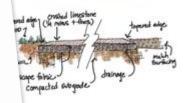
TERIALS

wide concrete sidewalk, per local standard practice. Meet flush with existing e (max, threshold %" or %" with %" chamfer). Meet ADA requirements (5' vidth, max. slope 4.5%, max. cross-slope 2%). +/- 975 SF

DO ALTERNATE #1: Include integral color (light to medium brown) Confirm final for with owner prior to installation.

wide pathway, 3" depth compacted crushed limestone (1/4" minus plus fines) tandard practice. Compact subgrade, add drainage course, install over fabric. Compact in 1" and 2" lifts. No hard edging. Taper edges to allow sulch and sod to overlap with tapered sections-eliminating trip hazards.





IMPACTED CRUSHED LIMESTONE PATH to Scale

LDO ALTERNATE #2: Modular Paver Transition (2" x 5") between concrete idewalk and crushed stone (per local standard practice). +/- 20 58

h existing mulch area to remain as needed to meet flush with concrete and e pathways. Compact as needed to prevent trip hazards cause by settling. pproximately) existing mulch product. Determine current mulch depths

reground mulch @ 9" settled depth in Climbing Area and Messy Materials scred 25% compaction. Determine current mulch depths during site visit to antity needed. Taper edges as need to meet flush with entry points.

trea: Install irregularly shaped flagstone, per local standard practice. Joint ox. N". Meet flush with adjacent pavers (max, threshold N"), Slope for



ea for additional surfacing information.

#3: Assemble and install 4-post wood arbor (provided by owner). Exact





Outdoor Classroom Budget

Design Fees and Implementation Costs



Design and Workshop Fees

- Outdoor Classroom Design Consultation
 - Concept Design Package
 - Post Design Services/On-going Support
- 3-hour Professional Development Workshop "Using Your Outdoor Classroom"

Total Cost \$20,000

\$15,000

\$5,000

Smaller Budgets

- Small size (< 5,000 SF)
- Relatively flat
- Existing fencing/boundaries
- Simple & minimal custom work
- Primarily volunteer-based
- Donated materials
- Minimal hardscaping, if any
- No irrigation







Smaller Budget Breakdown Example

Design & Workshop Fees

\$20K

Furnishings and Equipment

\$10K-15K

Loose Parts

\$1K-3K

Construction Cost

\$25K-35K

- Site Prep

- Surfacing

- Plant Material

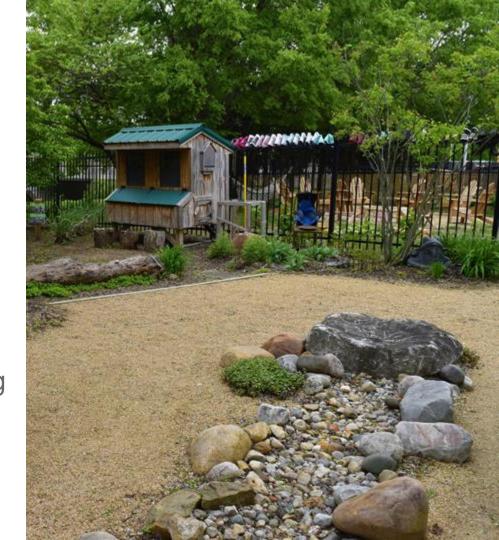
- Structures

Total Cost

\$56K-\$73K

Mid-Range Budgets

- Mid-size (5,000 8,000 SF)
- Limited earthwork and drainage
- New or modified fencing
- Limited custom features
- Mix of volunteers and contractors
- Upgraded surfacing & hardscaping
- May include irrigation







Mid-Range Budget Breakdown Example

Design & Workshop Fees

\$20K

Furnishings and Equipment

\$15-25K

Loose Parts

\$3K-5K

Construction Cost

\$35K-65K

- Site Prep
- Surfacing
- Plant Material
- Structures

Total Cost

\$73K-\$115K

Larger Budgets

- Larger area (8,000+ SF)
- Complex grading, drainage and earthwork
- More custom work and high-end furnishings
- Installed by a skilled contractor
- Mature and dense plant material
- Irrigation, fencing and shade structures
- Construction documents needed







Larger Budget Breakdown Example

Design & Workshop Fees

\$20K

Furnishings and Equipment

\$25-50K+

Loose Parts

\$5K+

Construction Cost

\$65K-100K+

- Site Prep
- Surfacing
- Plant Material
- Structures

Total Cost \$115K-\$175K+

Next Steps

- Identify your grant recipient.
- Discuss details with Nature Explore and grant recipient.
- Give recipient the okay to submit their request to Cybergrants.
- By February 2024 –
 Recipient submits PNC grant request.



Next Steps (cont.)

- By March 11, 2024 –
 CCR Team submits the 20th
 Anniversary Grant Pool Request Form.
- Upon approval, recipient receives funds.
- Upon approval and agreed upon terms, recipient begins project in collaboration with Nature Explore.
- Celebrate the groundbreaking and grand opening!









Bringing wonder to the lives of children, naturally!

...and helping them to grow up great!





Thank you!

Lana Gilson
Client Relations and Outreach
402-474-7966
LanaG@natureexplore.org

© 2023 Dimensions Foundation













Professional Development



Outdoor Classroom Design Services



Natural Products



Our mission is to inspire joy and wonder in children, educators, and communities with a heart-centered approach to early education.

501(c)3 Nonprofit Organization









Sign in for certificate, feedback & resources



natureexplore.org/sign-in





Thank you

natureexplore.org