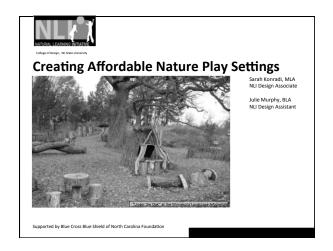
#### **Creating Affordable Nature Play Settings**



#### Goals:

- At the end of this presentation we hope you will...
  - Have lots of ideas for even the most limited budgets
  - Feel confident in your team's abilities & resources
  - Know where to look for materials
  - Know what you can make out of the materials



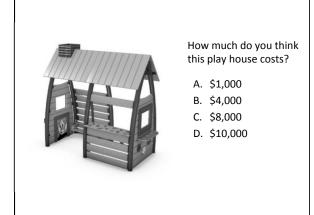
# How far can your dollar go?

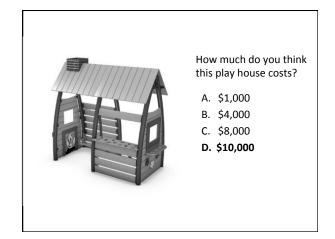
- What's the first question many people ask when they see a plan...
- "How much will it cost?"
- There are many ways to improve the play area with a diversity of natural settings that are affordable (or even free!)



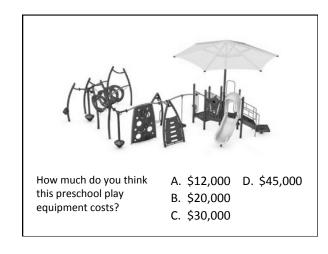
How much do you think this play house costs?

#### **Creating Affordable Nature Play Settings**

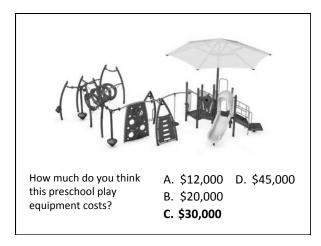




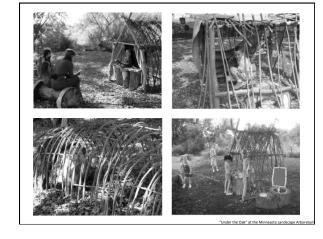
How much do you think this play equipment costs?



#### **Creating Affordable Nature Play Settings**



# Now compare that to this space:



#### All about materials!

In this presentation we will address:

- 1. Log elements
- 2. Bamboo elements
- 3. Planted elements
- 4. Tire planters
- 5. Timber/lumber elements
- 6. Hardscape elements
- 7. Earth/ mud/ sand
- 8. Natural loose parts

In all cases, remember:

- Intentional uses
- Appropriate installation
- Supervision & maintenance

#### **Creating Affordable Nature Play Settings**

#### Log Elements

- Where do I get logs?
  - Tree removal companies
  - Local clear-cutting projects (new developments, new roads)
  - Recently fallen trees from storms
  - Your community yards and properties





# Log Elements

- More specifics:
  - Hardwoods, not softwood
  - Best kind of wood = red cedar, oak, maple, etc.
  - How long will they last?









#### 1999 - live oak tree logs installed



2007 - still around!



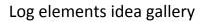
Bright Horizons Childcare Center at Glaxos

# Log Elements

- · How can I use logs?
  - Seats
  - Benches
  - Tree cookies
  - Infant pull-up bars
- Natural building materials
- Natural playhouses
- Balance beams



#### **Creating Affordable Nature Play Settings**







KidZone at the North Carolina Zoo

# Log elements idea gallery





"Under the Oak" at the Minnesota Landscape Arboretur

# Log elements idea gallery





# Log elements idea gallery

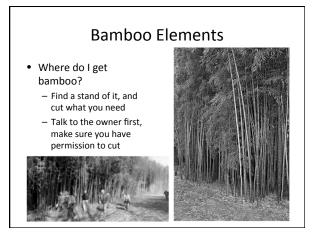




"Under the Oak" at the Minnesota Landscape Arboret

#### **Creating Affordable Nature Play Settings**





#### **Bamboo Elements**

- How do I cut bamboo?
  - Aim for thicker bamboo,1" or more
  - Use serrated saw, cut just above a node (don't leave a hollow segment at the end)
  - Use the saw to cut branches off from the outside
  - Careful of splinters!





#### **Bamboo Elements**

- More specifics:
  - How long will it last?
    - 3-4 years or so, not forever.
  - How do you attach them together?
    - Zip ties are good, but watch out for sharp edges (better to use them out of reach of children)
    - Jute twine also works well, but only lasts a year.





#### **Creating Affordable Nature Play Settings**

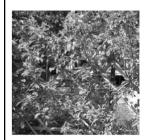
#### **Bamboo Elements**

- How can I use bamboo?
  - Vine teepee
  - Natural building materials
  - Plant protection fencing
  - Vine trellis





# Bamboo idea gallery





# Bamboo elements play opportunities





#### **Planted Elements**

- What are planted elements?
  - Sunflower patch (or maze or house)
  - Wildflower patch
  - Vegetable garden
  - Ornamental grass maze





#### **Creating Affordable Nature Play Settings**

#### **Planted Elements**

- How do I create them?
  - Pick a sunny site
  - Prepare the soil
  - Plant the seeds
  - Water, weed, let them







#### **Planted Elements**

- More specifics: Preparing the soil
  - Different options...
    - 1. Till/dig
    - 2. Till & mix in organic
    - 3. Don't till soil, just overlay with organic
  - What is organic material?
    - Aged manure (cow, chicken, etc)
    - Leaf or wood chip compost
  - Mushroom or garden compost
  - Peat moss

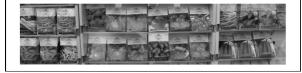




#### **Planted Elements**

More specifics: Seeds

- Buy from local garden centers or online
- Wildflowers and Vegetable seeds
  - Look at online seed sources and catalogs
- Follow planting instructions on packets



# Planted Elements: Seed Saving







#### **Creating Affordable Nature Play Settings**

#### **Planted Elements**

#### More specifics: Plants

- Local garden centers may put perennials and shrubs on end-of-summer clearance
- Look for sales September-early Spring as nurseries clear out last season's plants





#### **Planted Elements**

- Ways to enhance play with planted settings
  - Place a winding stepping stone path through the planted patch
  - Place several log seats for a small sitting nook among the flowers or vegetables
  - Add a bird bath to attract songbirds
  - Plant in a square or circle with an open entryway for a "house" setting



# Planted Elements idea gallery





# Planted Elements idea gallery





#### **Creating Affordable Nature Play Settings**

# Planted Elements idea gallery







#### Planted elements play opportunities











# Tire planters

- Where can I get tires?
  - Ask around at tire stores and car repair shops, often they are either free or cost very little.





# Tire planters

- More specifics:
  - Don't use tires for edible plants (fruits or vegetables), because of the potential for leaching chemicals.
  - If stacking two or three tires, stabilize by attaching adjoining tire walls (using bolts, for example)
  - Painting the tires keeps the plants cooler



#### **Creating Affordable Nature Play Settings**

# Tire planters

- What can I make with them?
  - Path edging
  - Buffer plantings
  - Surrounding a council circle or setting
  - Mound the tire planters over fill dirt to create a planted hill



# Tire planters idea gallery





# Tire planters idea gallery



# Timber/Lumber Elements

- Where do I get timber/ lumber?
  - It's not a good idea to reuse old lumber
  - Buying it is best





#### **Creating Affordable Nature Play Settings**

# Timber/Lumber Elements

- **Caution** when building a planting bed where vegetables or fruits may be grown
  - Don't use railroad ties
  - Don't use pressure-treated lumber that may be older than 2006



# Timber/Lumber Elements

- What are some basic things can I use it for?
  - Raised planting beds (6" – 18" tall)
  - Timber terraced beds
  - Timber blocks for loose parts



# Timber/Lumber idea gallery





# Timber/Lumber idea gallery





#### **Creating Affordable Nature Play Settings**

# Timber/Lumber elements play opportunities









#### Hardscape Elements

- Stepping stones: pathway or sensory patio
- Recycled concrete
- Stones/ boulders

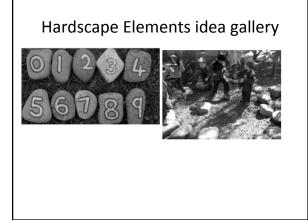
# **Hardscape Elements**

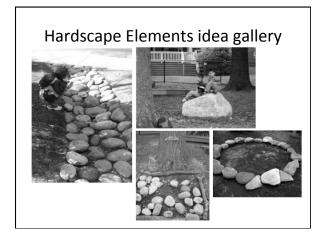
- Where do I get stepping stones?
  - חוא
  - "Odd lots": leftovers from local stone yard
  - Local home improvement store

# Hardscape Elements idea gallery

#### **Creating Affordable Nature Play Settings**







# Earth and Mud Play Elements

- What are some easy earth and mud play options?
  - Digging area
  - Mud café
  - Sand play



#### **Creating Affordable Nature Play Settings**





**Questions and Discussion** 

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Supported by the Blue Cross Blue Shield Foundation of North Carolina

# **Creating Affordable Nature Play Settings**

