Locust Grove Outdoor Classroom

Improvements: Six tilt-top bench tables - 2x4 Basics Converting Table and Bench

Source of Materials: Lowe’s / Finley Products, Inc. Lancaster, PA. 17801
www.2X4basics.com
Model # 06100; Lowe’s sku # 205703 (special order)

Costs: Converting bench tables (6) @ $30 for leg kit + $20 for lumber ($300)

Source of Funds: Frey PTSA
Built by: James Wiseman, BSA Troop 350; 2003

Seating: Capacity~ 36 (one class)

Notable Plants: Honey locusts (with large thorns on branches and trunk)

Regular Maintenance: Occasional refinishing of benches
Occasional removal of mildew from benches with bleach water
Weed control along entrance trails
Note: the Cobb County Schools grounds crew mows this area

Special Needs: Removal of honeysuckle from rocks
The Pines Outdoor Classroom

Improvements: (6) 10 ft benches with attached tables, mounted in 3 rows, with a podium

Costs: (unknown)

Source of Funds: Durham PTSA
Built by: Kirk Cheney, BSA Troop 4; 1999

Notable Plants: Loblolly pines

Regular Maintenance: Weed control

Special Needs: Weed control in adjacent areas
                Table refinishing
Amphitheater

Improvements: Benches, mounted
Arbor and slate access trail

Seating: Capacity: 250 (one Frey grade level or one Durham pod)

Built by: Tommy Kolencik, BSA Troop 350; 2003 (Amphitheater Seating)
Brian Rendini, BSA Troop 350; 2003 (Trail and Arbor)

Costs: (unknown)
Source of Funds: Durham PTSA

Notable Plants: Loblolly pines
Black willows

Regular Maintenance: Weed whacking around and under benches (*no herbicides please* - grass is needed to prevent erosion on hillside)
Weed control along path to creek
Occasional resurfacing of slate entrance trail and adjustments for erosion control
Note: Field is mowed by Cobb County Schools grounds crew

Special Needs: Re-spike dislodged timbers along trail
Move amphitheater sign (Chris Kallas will do this fall, as part of signs project)
Correct erosion problems by cutting an opening at appropriate place in timber,
along sloping amphitheater entrance trail
Resurface bare spots in trail with stabilized slate, 1" thick
**Anderson Gazebo**

**Improvements:** 20’ long Amish-built gazebo with bench seating

**Source:** Recreation Station (Anthony)
Bells Ferry Rd.
Woodstock, GA

**Costs:** $2500 including delivery, with huge discount  Replacement value: $4000+

**Source of Funds:** Urban and Community Forestry Grant

**Built by:** prefabricated; benches added and delivery by Recreation Station

**Seating:** Capacity~ 32 (one class)

**Notable plants:** Black walnut trees (2) on fence line near trail, just below gazebo

**Special Needs:** Wheelchair ramp into gazebo
Clearing of meadow around gazebo for simulation games
Cattail Outdoor Classroom

Improvements: Three cedar tables, each with eight built-in seats
One redwood table, with eight built in seats
Four tilting umbrellas, with storage bags and shoulder straps; stored in school

Seating: Capacity ~ 32 (one class)

Sources of Materials: Lowe’s ~ cedar tables
O’Neill family~ redwood table

Costs: Tables: $229 retail ea (value: $914) / 3 purchased at discount (3 @ $29 ea = $97
1 table donated by family
Umbrellas: $12 ea. (value: $48)
Total cost: $145 Replacement value: $962

Source of Funds: Urban and Community Forestry Grant
Built by: Frey families; 2000

Notable Plants: Cattails
Sycamores
Sweet Gums
Various Red Oaks
Loblolly Pines

Regular Maintenance: Refinishing of tables; repairs as needed

Special Needs, fall 05: Remove and dispose of any damaged and unsalvageable tables
Install new tables (temporary or permanent)
Locust Grove Outdoor Classroom

**Improvements:** Six tilt-top bench tables - 2x4 Basics Converting Table and Bench

**Source of Materials:** Lowe’s / Finley Products, Inc. Lancaster, PA. 17801  
www.2X4basics.com  
Model # 06100; Lowe’s sku # 205703 (special order)

**Costs:** Converting bench tables (6) @ $30 for leg kit + $20 for lumber ($300)

**Source of Funds:** Frey PTSA

**Built by:** James Wiseman, BSA Troop 350; 2003

**Seating:** Capacity~ 36 (one class)

**Notable Plants:** Honey locusts (with large thorns on branches and trunk)

**Regular Maintenance:** Occasional refinishing of benches  
Occasional removal of mildew from benches with bleach water  
Weed control along entrance trails  
Note: the Cobb County Schools grounds crew mows this area

**Special Needs:** Removal of honeysuckle from rocks
The Boulders Outdoor Classroom

Natural Features: Boulders moved to this location during construction of sewer trunk line

Improvements: Two bench-tables liberated from Locust Grove (not originally located here)
Hummingbird garden planted between Boulders and Locust Grove
Bench arbor installed in garden (donated by Crossroads Kroger, Dallas Hwy)

Source of Materials: Lowe’s / Finley Products, Inc. Lancaster, PA. 17801
www.2X4basics.com
Model # 06100; Lowe’s sku # 205703 (special order)

Costs: Originally no furnishings; 2 bench tables were drug here and stay by popular demand
Converting bench tables (2) @ $30 for leg kit + $20 for lumber ($100)

Source of Funds: Frey PTSA
Built by: James Wiseman, BSA Troop 350; 2003 (clearing, bench construction, trails)

Seating: Boulders + two bench-tables
Capacity~ 36 (one class)

Notable Plants: enormous Water Oak

Regular Maintenance: Occasional refinishing of benches
Occasional removal of mildew from benches with bleach water
Weed control along entrance trails
Weed control on and around boulders
County mows Amphitheater and Locust Grove, which opens access to Boulders

Special Needs: Removal of encroaching honeysuckle from the rocks

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The Pines Outdoor Classroom

Improvements: (6) 10 ft benches with attached tables, mounted in 3 rows, with a podium

Costs: (unknown)

Source of Funds: Durham PTSA
Built by: Kirk Cheney, BSA Troop 4; 1999

Notable Plants: Loblolly pines

Regular Maintenance: Weed control

Special Needs: Weed control in adjacent areas
Table refinishing
**Trail Storage Shed**

**Improvements:** 10’ x 10’ storage shed, elevated, with floor

**Source of Materials:** Home Depot / Rubbermaid

**Costs:** $450 (discounted from full retail price of $500)

**Source of Funds:** Frey PTSA

**Built by:** Matthew Heiges, BSA Troop 116; 2003

**Combination Lock:** 8 – 30 -36

**Notable Plants:** Shed is nestled among the Russian olives, south of Whitetail Trail

**Regular Maintenance:** Weed control along entrance path

**Special Needs:** Return of items from indoors to shed (grill, 4-8 umbrellas, etc.)

Replacement of door (hasp was cut off)

**Restroom**

**Improvements:** portable restroom building

**Source of Materials:** Porta Potty Express

**Costs:** $15/mo for 9 mo school year (no service in summer)

**Source of Funds:** Frey PTSA

**Installed by:** Matthew Heiges, BSA Troop 116; 2003

**Additional supplies:** Extra tissue and hand sanitizer in Trail Storage Shed

**Notable Plants:** Potty is nestled among the loblolly pines, on Sweetgum Trail near entrance drive

Various native species planted and labeled along Sweetgum Trail

**Regular Maintenance:** Service provided by Porta Potty Express, access by entrance road near hickory tree (please do not block the dirt road)

**Special Needs:** Call for return of potty after fall term begins, if it is removed during summer
The Nature Area
Trails, Bridges and Kiosks

*Slate-Surfaced Trails*
- Wildcat Walk
  Built by Home Depot volunteers, 2000
- Whitetail Trail
  Built by Home Depot volunteers and Target stores volunteers, 2000
- Sweet Gum Trail
  Built by Matthew Heiges, BSA Troop 116; 2003
- White Tail connectors and Extension
  Built by Jason Fletcher, BSA Troop 204; 2003
- Allatoona Path Access Trail
  Built by Matt Wolff, BSA Troop 4; 2003

*Natural Tread Trails*
- Nutty Nature Trail
  Built by Cris Cortes, BSA Troop 30; 2001
- Creekside Trail
  Built by David Shupe, BSA Troop 187; 2001
- Mars Hill Trail
  Built by volunteers, 1999
- Fern Gully Trail
  Built by volunteers, 2000
- Whitetail Trail from mid-meadow to Mars Hill Trail
  Built by volunteers, 1999
Kiosks, Arbors and Signs

- Whitetail Trail Kiosk, Trail Signs, #s for Interest Spots, Eco-Info Signs
  Built by Tim Caldwell
  (trail signs made by Shannon Fishback; eco-info signs by Wilderness Graphics)
  (map by Ken Wiseman with Laura Smith’s 5th grade class)
- Allatoona Path Kiosk
  Built by Matt Wolff
- Location and Acknowledgement Signs
  Built by Chris Kallas
- Whitetail Trailhead Arbor with benches
  Ken Wiseman

Bridges

- Big Bridge
  Built by Shannon Fishback and Glen Kallas
- Long Bridge
  Center span built by Webelos Pack 2096
  Ramp extensions by Brandon Sartain
  Long bridge: one deck board adjacent to center span needs to be braced
- Little Bridges near Trailhead, north of Old Oaks
  Jason Page, BSA Troop 700; 1997
  Little bridges: rails need to be replaced (screwed in)

Trails on Adjacent Land (Corps of Engineers property managed as Cobb Co. park)

- Backmeadow Trail
- Allatoona Path
Project Wild training for teachers on Backmeadow Trail.
Flip-top Bench Tables
Rivers Alive Creek Clean-Up

Water Smart Perennial Garden (County award winner)
(5th grade legacy project, 2001 ~ at Allatoona Path entrance steps)
Butterfly Garden at Whitetail Trailhead

Annual beds at covered walkway / main entrance, adopted by a fourth grade class
Field Study Kits

Field study kits contain a lesson plan and materials for a curriculum-related activity.

Field kits contain basic supplies for outdoor education, like binoculars, field microscopes, and tape measures.
Creekside Outdoor Classroom

Improvements: Four cedar tables, each with eight built-in seats
Four tilting umbrellas, with storage bags and shoulder straps stored in shed on Whitetail Trail

Seating: Capacity~ 32 (one class)

Sources of Materials: Lowe’s ~ cedar tables
Costco~ table umbrellas

Costs: Tables: $229 retail ea (value: $914) / discounted to $29 ea (cost $116)
Umbrellas: $12 ea. (value: $48)
Total cost: $164  Replacement value:  $962

Source of Funds: Georgia Outdoor Classroom Grant
Built by: Brandon Sartain, BSA Troop 540

Notable Plants: Milkweed ~ in open areas near this outdoor classroom
Privet~ surrounding tables (this non-native needs to be removed, except for plant growing up through rusty trailer, south of classroom, near creek)
Wild rose bower ~ blooms in April; mixed with privet south of classroom (near creek)
Try to protect roses, even if clearing privet

Regular Maintenance: Weed control
Special Needs: Refinishing of tables
Fern Gully Outdoor Classroom

Improvements: Six tilt-top bench tables - 2x4 Basics Converting Table and Bench

Source of Materials: Lowe’s / Finley Products, Inc. Lancaster, PA. 17801
www.2X4basics.com
Model # 06100; Lowe’s sku # 205703 (special order)

Costs: Converting bench tables (6) @ $30 for leg kit + $20 for lumber ($300)

Source of Funds: Georgia Outdoor Classroom Grant

Built by: David Shupe, BSA Troop 187; 2001

Seating: Capacity~ 36 (one class)

Notable Plants: Shagbark hickories
White oaks
Beech
Loblolly pines

Regular Maintenance: Occasional refinishing of benches

Special Needs: Brace benches and table tops to prevent warping
Remove mildew from tables with bleach-water, and rinse
Install additional concrete block stepping stones in creek, as needed
**Mars Hill Outdoor Classroom**

**Improvements:**
Six tilt-top bench tables - 2x4 Basics Converting Table and Bench

**Source of Materials:**
Lowe’s / Finley Products, Inc. Lancaster, PA. 17801
www.2X4basics.com
Model # 06100; Lowe’s sku # 205703 (special order)

**Costs:**
Converting bench tables (6) @ $30 for leg kit + $20 for lumber ($300)

**Source of Funds:**
Urban and Community Forestry Grant

**Built by:**
Benches by Hunter Johnson and company; 2000?
Platforms by Home Depot, Acworth

**Seating:**
Capacity~ 36 (one class)

**Notable Plants:**
Shagbark hickories
White oaks
Beech
Loblolly pines

**Regular Maintenance:**
Minimal weed control
Occasional refinishing of benches

**Special Needs:**
Brace benches and table tops to prevent warping
Remove mildew from tables with bleach-water, and rinse
The Outdoor Classrooms at Frey

Old Oaks Outdoor Classroom

**Improvements:**
- 10’ x 10’ deck / platform
- Four benches - designed by Kevin Goreham, BSA Troop 741
- Six tilt-top bench tables - 2x4 Basics Converting Table and Bench

**Seating:**
- Capacity ~ 60 (two classes)

**Source of Materials:**
- Bench-tables: Lowes / Finley Products, Inc. Lancaster, PA. 17801
  - Model # 06110; Lowe’s sku # 205703 (special order)

**Costs:**
- 4 flat benches (unavailable- estimated $100)
- Converting bench tables (6) @ $30 for legs + $20 for lumber ($300)
- Deck (approx. $200)
- Total cost: $600
  - Replacement value: approx. same as cost

**Notable Plants:**
- Canopy of mature 100+ yr old white oaks
- Persimmon trees (two) ~ on east side of clearing
- Beautyberry ~ south side of classroom near steps to Nutty Nature Trail
- Russian olive ~ predominant shrub
- Honey locust ~ small, thorny tree near Nutty Nature Trail steps
- Black willows ~ visible from this classroom, at creekside

**Source of Funds:**
- Frey PTSA

**Built by:**
- Target Stores volunteers (deck, part of trail)
- Kevin Goreham, BSA Troop 741 (four flat benches) 1999
- 5th grade class of 2001 (constructed six bench tables)
  - Jason Fletcher, BSA Troop 204 (braced and repaired benches, re-routed trail for handicapped accessibility and to eliminate conflict with seating)

**Regular Maintenance:**
- Weed control

**Special Needs:**
- Rip one overhanging piece of decking
- Install tree faces on the five oldest oaks in vicinity
Red Maple Outdoor Classroom

**Improvements:**
Eight cable spools

**Source of Materials:**
Cobb Electric Membership Co-Op ~ cable spools (free)
Home Depot ~ "ooops" exterior paint and waterproofing finish (0 -$15 for 5 gal)
5 gal. buckets for seats – contractor trash

**Costs:**
$0 (all donated) in 2001; $30 in 2005 for 5 gal exterior paint and 5 gal waterproofer

**Source of Funds:**
none

**Built by:**
Cris Cortes, BSA Troop 350; 2001
Replaced by Jean McDonald, Barbara Ketcham, Kelly Jordan’s 5th gr class, 05

**Seating:**
Capacity ~ 36+ (one class)

**Notable Plants:**
Red maples
Beech trees
Red alder (along creek)
Jewelweed
Ironweed

**Regular Maintenance:**
Occasional refinishing or replacement of spools

**Special Needs:**
Dispose of and replace rotting cable spools
Dispose of broken bucket seats
Add 4 x 4 block feet to bottoms of new spools, to reduce contact with ground and forestall rotting, termites, etc.
Sand and paint tops and polyurethane bottoms of cable spools
Consider replacing bucket seats with soccer chairs or storing buckets indoors
**Restroom**

**Improvements:** portable restroom building

**Source of Materials:** Porta Potty Express

**Costs:** $15/mo for 9 mo school year (no service in summer)

**Source of Funds:** Frey PTSA

**Installed by:** Matthew Heiges, BSA Troop 116; 2003

**Additional supplies:** Extra tissue and hand sanitizer in Trail Storage Shed

**Notable Plants:** Potty is nestled among the loblolly pines, on Sweetgum Trail near entrance drive. Various native species planted and labeled along Sweetgum Trail.

**Regular Maintenance:** Service provided by Porta Potty Express, access by entrance road near hickory tree (please do not block the dirt road)

**Special Needs:** Call for return of potty after fall term begins, if it is removed during summer.
Shagbark Hickory Outdoor Classroom

**Improvements:**
Six tilt-top bench tables - 2x4 Basics Converting Table and Bench

**Source of Materials:**
Lowe’s / Finley Products, Inc. Lancaster, PA. 17801
www.2X4basics.com
Model # 06100; Lowe’s sku # 205703 (special order)

**Costs:**
Converting bench tables (6) @ $30 for leg kit + $20 for lumber ($300)

**Source of Funds:**
Urban and Community Forestry Grant

**Built by:**
Benches by Hunter Johnson and company; 2000?
Platforms by Home Depot, Acworth

**Seating:**
Capacity~ 36 (one class)

**Notable Plants:**
Shagbark hickories
White oaks
Beech
Loblolly pines

**Regular Maintenance:**
Minimal weed control
Occasional refinishing of benches

**Special Needs:**
Replace boards on bench-tables, as needed
Bracket benches and table tops to prevent warping
Remove mildew from tables with bleach-water, and rinse
Fill hole near benches
The Boulders Outdoor Classroom

**Natural Features:** Boulders moved to this location during construction of sewer trunk line

**Improvements:** Two bench-tables liberated from Locust Grove (not originally located here)
Hummingbird garden planted between Boulders and Locust Grove
Bench arbor installed in garden (donated by Crossroads Kroger, Dallas Hwy)

**Source of Materials:** Lowe’s / Finley Products, Inc. Lancaster, PA. 17801
www.2X4basics.com
Model # 06100; Lowe’s sku # 205703 (special order)

**Costs:**
Originally no furnishings; 2 bench tables were drug here and stay by popular demand
Converting bench tables (2) @ $30 for leg kit + $20 for lumber ($100)

**Source of Funds:** Frey PTSA
**Built by:** James Wiseman, BSA Troop 350; 2003 (clearing, bench construction, trails)

**Seating:** Boulders + two bench-tables
Capacity~ 36 (one class)

**Notable Plants:** enormous Water Oak

**Regular Maintenance:**
Occasional refinishing of benches
Occasional removal of mildew from benches with bleach water
Weed control along entrance trails
Weed control on and around boulders
County mows Amphitheater and Locust Grove, which opens access to Boulders

**Special Needs:** Removal of encroaching honeysuckle from the rocks
**Trail Storage Shed**

**Improvements:** 10’ x 10’ storage shed, elevated, with floor

**Source of Materials:** Home Depot / Rubbermaid

**Costs:** $450 (discounted from full retail price of $500)

**Source of Funds:** Frey PTSA

**Built by:** Matthew Heiges, BSA Troop 116; 2003

**Combination Lock:** 8 – 30 -36

**Notable Plants:** Shed is nestled among the Russian olives, south of Whitetail Trail

**Regular Maintenance:** Weed control along entrance path

**Special Needs:** Return of items from indoors to shed (grill, 4-8 umbrellas, etc.)
Replacement of door (hasp was cut off)
Windmill Plains Weather Station

**Improvements:**
- Six tilt-top bench tables
- Six tilting umbrellas, with storage bags and shoulder straps (stored in shed on Whitetail Trail)
- Fence (24’ long; 4’ tall) for weather instruments
- Windmill, 8 ft. (facing due north)
- Weather instruments (barometer, thermometers, rain gauge, wind socks)

**Source of Materials:**
- 2x4 Basics Converting Tables and Benches
  - Lowes / Finley Products, Inc. Lancaster, PA. 17801
  - www.2X4basics.com
  - Model # 06100; Lowe’s sku # 205703 (special order)
- Windmill, 8 ft:
  - K&C Trailers
  - Hwy 278, Dallas

**Costs:**
- Converting bench tables (6) @ $30 for leg kit + $20 for lumber ($300)
- Fence @ $15 for each of (3) 8’ sections + quickrete ($50)
- Windmill ~ donated  Replacement value: ($80)
- Total cost: $350  Replacement value: $425

**Source of Funds:**
- Georgia Outdoor Classroom Grant, Frey PTSA
- Built by:
  - Brandon Sartain, BSA Troop 540 (fence, windmill assembly); 1999-2000
  - Jason Fletcher, BSA Troop 204 (six bench-tables, reconstructed from those taken out of service due to warping, and braced); 2003

**Seating:**
- Capacity ~ 36 (one class)

**Notable Plants:**
- Milkweed ~ in open areas within and around this outdoor classroom
- Oak sp. ~ on north side of benches

**Regular Maintenance:**
- Weed control
- Occasional refinishing of benches

**Special Needs:**
- Replacement of broken and missing weather instruments
- Painting or finishing of fence
- Installation of replacement weather instruments, cloud chart, etc.