

2011 Plant list for BSI Schoolyards & Outdoor Classrooms **DRAFT (12.21.10)**

This plant list is for Landscape Architects to use when selecting plants for BSI Outdoor Classroom and Schoolyard landscapes. The list is developed based on plant durability, educational value, and low maintenance practices. Please select from the following plants for BSI projects. Variation of form/size, fruit/flower, color, etc. may be made if appropriate for site conditions.

<i>location</i>	<i>Botanical Name</i>	<i>Common Name</i>	<i>Description</i>
	SHADE TREES		
OC SY	Acer rubrum	Red Maple	Red fall color, samara fruit, red spring bloom
OC SY	Fagus sylvatica-pendula, Riversi, fastigiate forms	Beech	Smooth bark, interesting form, nice buds
OC SY	Ginko biloba	Ginko	Fan shaped foliage, nice bark, yellow fall color, historic
OC SY	Gymnocladus dioicus	Kentucky Coffee Tree	Bipinnate leaf form, interesting furrowed bark
OC SY	Cercidiphyllum japonica	Katsura Tree	Heart shaped leaf, sub-opposite buds, can get wide
OC SY	Liquidambar styraciflua	Sweetgum	Star shaped leaf, round fruit, nice fall color
OC SY	Liriodendron tulipifera	Tulip Tree	Large fast growing, tulip-like bloom May/June- needs room
SY	Platanus acerifolia	London Plane Tree	Camouflaged bark, maple-like leaf
OC SY	Quercus palustris	Pin Oak	Lower branches arch down, red fall color, acorns
	DECIDUOUS TREES	Under 45'	
OC SY	Acer campestre	Hedge Maple	Small maple, samara fruit
OC SY	Acer griseum	Paperbark Maple	Red/exfoliating bark, samara fruit
OC SY	Acer palmatum-dissectum, weeping	Japanese Maple	Red and green foliages available, smooth bark
OC SY	Amelanchier laevis-candensis, cumulus	Serviceberry-multi stemmed/single stalk	White April/May bloom, edible blue fruit June
OC	Cercis canadensis	Redbud	Heart shaped leaf, red/purple bloom
OC SY	Cornus mas	Corneiliancherry Dogwood	Yellow early blooms, peeling bark, red fruit
OC SY	Cornus kousa	Kousa dogwood	White June bloom, red fall fruit, spotted bark when mature

	Cornus Rutgers Hybrid	Celestial, Stella Pimk, Constellation Dogwood	Less disease prone, Pink/White blooms
OC SY	Carpinus caroliniana	Hornbeam	Small serrate leaves, smooth bark / ridges, yellow fall color
OC SY	Koelreuteria paniculata	Golden Rain Tree	Yellow blooms July, brown fruit, pinnate leaves
OC SY	Magnolia- soulangiana, stellata	Magnolia	Early interesting blooms, fuzzy buds
OC SY	Malus sp.	Crabapple	Spring blooms, red or yellow fruit in fall/Winter
OC	Morus alba -pendula	Mulberry	Different leaf shapes, used with silk-worm project, can be aggressive
OC	Sassafrass albidum	Sassafrass	Different leaf shapes –some like mittens, yellow fall color –hard to find
	Sophora japonica	Japanese Pagoda Tree	Summer blooms, brown seed pods in fall, pinnate leaves
	DECIDUOUS SHRUBS		
OC SY	Aescules paviflora	Buckeye	Palmate leaf (5), large white flower late spring, spreads
SY OC	Callicarpa japonoca	Beautyberry	Purple fruit in fall, small white/pink cluster flowers, attracts birds
OC SY	Comptonia peregrina	Sweetfern	Scented foliage, catkin flower – early spring, related to bayberry
OC SY	Cornus sericea	Redtwig Dogwood	White fall fruit, red winter twigs
OC SY	Cornus flaviramea	Yellowtwig Dogwood	White fall fruit, yellow winter twigs
OC SY	Cotinus coggygia	Smokebush	Red foliage, interesting bloom late June, wide spreading
OC SY	Clethra alnifolia	Summersweet	White fragrant summer bloom, dried flower in winter, yellow fall color
OC SY	Clethra barbinervis	Japanese Tree Clethra	Single stem, tree like, white blooms in summer, interesting bark
SY	Forsythia x intermedia	Border Forsythia	Early yellow blooms, messy habit, may spread aggressively
OC SY	Fothergilla gardenii, major, Mt. Airy...	Fothergilla	White puff bloom spring, yellow orange fall color related to Withhazel
OC SY	Hamamelis 'Arnold Promise', mollis, vernalis, pallida....	Arnold Promise Witchhazel	Feb/March bloom, fruit, yellow fall color, related to Fothergilla
OC SY	Hamamelis virginiana	Common Witchhazel	Oct/Nov bloom, fruit, yellow fall color, related to Fothergilla
SY	Hydrangea –quercifolia, panicled, annabelle	Hydrangea	Late blooms, oakleaf –nice foliage, all dried flowers in fall/winter
OC SY	Heptacodium miconioides	Seven- Son Flower	Tan exfoliating bark, white blooms persist into fall

OC SY	Ilex verticillata- Apollo, Jim Dandy, Southern Gentlemen	Male Winterberry	The proper male pollinated must be chosen or the female below will not produce fruit (see chart)
OC SY	Ilex verticillata-Red Sprite, Sparlekleberry, Winter Red...	Winterberry	Red fruit in fall and winter when properly pollinated
OC SY	Itea virginica	Sweetspire	White blooms late spring, red fall color, red/green winter twigs
OC	Lindera benzoin	Spicebush	Yellow blooms Mar/April, scented twig
OC SY	Myrica pensylvanica	Northern Bayberry	Scented foliage, grey fall fruit, related Sweetfern
OC SY	Rhododendron sp.	Deciduous Azaleas	Early/Late blooms depending on the species, quite colorful
OC SY	Rhus aromatica	Aromatic sumac	Fragrant stems, spreads
OC	Rhus typhina	Staghorn sumac	Pinnate foliage, red fruit, can provide shade fast
OC	Salix caprea, discolor	Goat willow Pussy willow	Interesting red winter buds, early fuzzy buds, interesting catkin bloom
OC SY	Vaccinium angustifolia	Low Bush Blueberry	Edible fruit, small white bell flower, red fall color, green stems fall
OC SY	Vaccinium corymbosom	Highbush Blueberry	Edible fruit, small white bell flower, red fall color/ red stems fall
OC SY	Viburnum dentatum	Arrowwod Viburnum	White bloom May/June, blue fruit, arrow-like leave
OC SY	Viburnum dilatatum	Linden Viburnum	White blooms June, red fruit into winter
OC SY	Viburnum trilobum	American cranberry Viburnum	White spring bloom, maple-like leaf, red fruit into winter
OC SY	Viburnum x burkwoodii	Burkwood Viburnum	Fragrant early blooms, red fruit turns black
SY	Rosa rugosa	Rugosa Rose	Pink/white blooms, red fruit, aggressive, salt tolerant
SY	Syringa –vulgaris, Miss Kim, Koreana	Various Lilacs	Nice blooms fragrant
	DECIDUOUS CONIFERS		
OC SY	Larix decidua –pendula, traditional	Larch	Soft green foliage, weeping may fit oc best,
SY	Metasequoia glyptostoboides	Dawn Redwood	Interesting exfoliating tan bark, pyramidal form, large, use wisely
OC SY	Taxodium distichum- pendula, traditional	Baldcypress	Great foliage, fibrous reddish bark, round cones, traditional is large careful with use/pendula good pick

	EVERGREEN TREES		
OC SY	<i>Abies concolor</i>	White Fir	Grey foliage
OC SY	<i>Ilex opaca</i>	American Holly	Red fruit
OC SY	<i>Juniperus</i>	Juniper	Grey/Blur fruit
OC SY	<i>Picea omorika</i>	Serbian Spruce	Cones, Whitish color to needles
OC SY	<i>Picea pungens</i> (Hoopsi, Bakeri)	Spruce	Cones, blue/grey foliage
OC SY	<i>Pinus</i> (fastigate, weeping)	Pine	Large, Cone bearing
OC SY	<i>Thuja</i> (plicata, occidentalis)	Arborvitae	Small brown fruit fall, scented
	EVERGREEN SHRUBS		
OC SY	<i>Ilex glabra</i>	Inkberry	Small green leaves, black fruit
OC SY	<i>Ilex meserveae</i>	Meserve Holly	Red fruit
OC SY	<i>Ilex pendunculosa</i>	Longstalk Holly	Mt.Laurel-like foliage, red fruit
OC SY	<i>Leucothoe axillaris</i>	Coast Leucothoe	White blooms
OC SY	<i>Rhododendron</i>	Aglo, Olga, PJM	Early spring blooms, fragrant foliage
OC SY	<i>Rhododendron</i>	Catawbiense, Cunningham,	Late spring blooms
OC	<i>Kalmia latifolia</i>	Mt. Laurel	Summer blooms
	WOODLAND-SHADE PERENNIALS/GRASSES		
	<i>Aruncus</i>	Goat's Beard	
	<i>Asarum</i>	Wild Ginger	
	<i>Carex</i>	Sedge	Variegated and traditional foliage – grass/sedge
	<i>Liriope</i>	Lily Turf	Grass, purple bloom
	<i>Polemoium</i>	Jacob's Ladder	
	<i>Polygonatum</i>	Solomon's Seal	
	<i>Tiarella</i>	Foam Flower	
	<i>Tricyrtis</i>	Toad lily	
	<i>Helleborus</i>	Hellebore	

	FERNS	SHADE/WOODLAND	
	Metteuccia struthiopteris	Ostrich Fern	
	Polstichim acrostichoidies	Christmas Fern	
	Anthyrium 'Pictum'	Painted Fern	
	Osmunda cinnamorrea	Cinnamon Fern	
	HERBACEOUS PERENNIALS	MEADOW PLANTS FULL SUN	
	Achillea	Yarrow	
	Asclepias tuberosa	Butterfly weed	
	Solidago	Goldenrod	
	Liatrix	Gayfeather	
	Rudbeckia	Black eye Susan	
	Echinacea	Coneflower (Purple and White)	
	Gallardia	Blanket Flower	
	Monada	Beebalm	
	Asters		
	Stachys	Lamb's Ear	Tactile
	Russian Sage	Perovskia	Scented
	Eupatorium	Joe Pye Weed	
	Lupinus	Lupine	
	Aagastache	Hyssop	
	PLANTS FROM SEED or found on site for the meadow landscape		
	Asclepias	Milkweed	
	Daucas	Queen Ann's Lace/Wild Carrot	
	Chichorium	Chicory	
	Tanacetum	Tansy	
	ORNAMENTAL GRASSES		
	Chasmanthium	Sea Oat Grass	Seeds make noise
	Eragrostis	Lovegrass	Purple foliage
	Panicum	Switch Grass	Nice summer plume

	Miscanthus	Miscanthus	Fall plumes into winter
	Pennisetum	Fountain Grass	Soft summer plumes
	Helictotrichon	Blue Out Grass	Nice bloom foliage
	Calamagrostis	Feather Reed Grass	Early plumes
	Schizachyrium scoparim	Little Blue Stems	Blue foliage, nice in winter
	MEADOW MIX		
	Coreopsis lanceolata	Lance-Leaf Coreopsis	
	Cosmos bipinnatus	Wild Cosmos	
	Delphinium ajacis	Wild Larkspur	
	Echinacea purpurea	Purple Cone Flower	
	Eschscholzia californica	California Poppy	
	Gallardia aristata	Perennial Gaillardia	
	Helianthus annuus	Wild Annual Sunflower	
	Lavatera trimestris	Rose Mallow	
	Linum perenne lewisii	Blue Flax	
	Lupinus perennis	Perennial Lupin	
	Nemophilla menziesii	Baby Blue Eyes	
	Papaver rhoeas	Red Poppy	
	Ratibida colunaris	Mexican Hat	
	Rudbeckia hirta gloriosa	Gloriosa Daisy	
	Rudbeckia hirta	Black Eyed Susan	
	Coreopsis lanceolata	Lance-Leaf Coreopsis	
	Cosmos bipinnatus	Wild Cosmos	