

ST. BONIFACE POLLINATOR GARDEN

HELPING POLLINATOR'S THRIVE

FUNDED BY: Pollinate TO

<https://www.toronto.ca/services-payments/water-environment/environmental-grants-incentives/pollinateto-community-grants/>

St. Boniface Elementary School has created a pollinator garden at the front of the school, to be seen and experienced by all and to inspire and educate staff, students, families and community members.

The garden will be a teaching tool for students and classes where all can learn the importance of pollinators and their need in the environment.

The hope is that the lesson goes beyond school and that students and staff become advocates for pollinators.

Come visit our garden and watch it grow.

Labels have been added to help you identify plants and challenge you to plant your own and help pollinators thrive.



Toronto's Official Bee is a green metallic sweat bee known as *Agapostemon virescens*.

PHOTO FROM - <https://www.toronto.ca/services-payments/water-environment/live-green-toronto/torontos-official-bee/>

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Common Name	Yarrow
Latin Name	<i>Achillea millefolium</i> var. <i>lanulosa</i>
Size (height)	30 - 90cm
Soil	Dry - moist
Light	Full Sun - Partial Shade
Blooming Season	June – September
Pollinators	Sweat Bees, Halictid Bees and other Bees Checkered Beetles (Cleridae)



Common Name	Yellow Hyssop
Latin Name	Agastache nepetoides
Size (height)	60 -180 cm
Soil	Dry - moist
Sun	Full Sun - Partial Shade
Blooming Season	July – September
Pollinators	Yellow-faced bees Sweat bees Bumblebees



Common Name	Pearly Everlasting
Latin Name	Anaphalis margaritacea
Size (height)	30 – 90 cm
Soil	Dry
Sun	Full Sun - Partial Shade
Blooming Season	July – September
Pollinators	American lady (<i>Vanessa virginiensis</i>) (Host) Painted lady (<i>Vanessa cardui</i>) (Host)



Common Name	Canada Anemone
Latin Name	Anemone canadense
Size (height)	20 – 70cm
Soil	Dry – Moist
Sun	Full Sun - Partial Shade
Blooming Season	June - July
Pollinators	Long Horned Beetle Tumbling Flower Beetles Carpenter Bees, Sweat Bees and Mining Bees



Common Name	Wild Columbine
Latin Name	<i>Aquilegia canadensis</i>
Size (height)	30 – 60cm
Soil	Dry – Moist
Sun	Full Sun - Shade
Blooming Season	May - July
Pollinators	Columbine Borer Moth (Host) Black Swallowtail Butterfly Mason Bees Sweat Bees



Common Name	Common Milkweed
Latin Name	<i>Asclepias syriaca</i>
Size (height)	90 - 150cm
Soil	Dry - Moist
Sun	Full Sun
Blooming Season	June – August
Pollinators	Monarch Butterfly (Host) Great Spangled Fritillary Butterfly Cuckoo Bees Leafcutter Bees



Common Name	Butterfly Milkweed
Latin Name	<i>Asclepias tuberosa</i>
Size (height)	30 – 75cm
Soil	Dry
Sun	Full Sun
Blooming Season	May – September
Pollinators	Monarch Butterfly (Host) Great Spangled Fritillary Butterfly Cuckoo Bees Leafcutter Bees



Common Name	Whorled Milkweed
Latin Name	<i>Asclepias verticillate</i>
Size (height)	Up to 1 metre
Soil	Dry
Sun	Full Sun - Partial Shade
Blooming Season	May – September
Pollinators	Bumblebees Cuckoo bees Painted Lady (<i>Vanessa cardui</i>)



Common Name	Green Comet Milkweed
Latin Name	<i>Asclepias viridiflora</i>
Size (height)	Under 1 metre
Soil	Dry
Sun	Full Sun
Blooming Season	June – September
Pollinators	Monarch Butterflies Bumblebees



Common Name	Fireweed
Latin Name	<i>Chamaenerion angustifolium</i>
Size (height)	60 -180 cm
Soil	Most - Dry
Sun	Full Sun - Partial Shade
Blooming Season	June – August
Pollinators	Long-tongued bees get nectar Short-tongued bees get pollen White-lined Sphinx Moth (Host) Hummingbird Clearwing Moth Bumble Bees Sweat Bees



Common Name	Turtlehead
Latin Name	<i>Chelone glabra</i>
Size (height)	30 – 90cm
Soil	Moist
Sun	Full Sun - Partial Shade
Blooming Season	June - August
Pollinators	Baltimore Checkerspot (<i>Euphydryas phaeton</i>) (Host) Ruby Throated Humming Bird



Common Name	Field Thistle
Latin Name	Cirsium discolor
Size (height)	Over 2 metres tall
Soil	Handles all soil conditions – growing rates will vary
Sun	Full Sun
Blooming Season	July – September
Pollinators	Eastern Tiger Swallowtail Sphinx moths



Common Name	Pale-purple Coneflower
Latin Name	<i>Echinacea pallida</i>
Size (height)	Up to 1 metre
Soil	Dry - Partially Moist
Sun	Full Sun - Partial Shade
Blooming Season	June - July
Pollinators	Black Swallowtail Butterfly American Lady Butterfly Long-horned Bees Mining Bees



Common Name	Flowering Spurge
Latin Name	<i>Euphorbia corollata</i>
Size (height)	Up to 1 metre tall
Soil	Dry
Sun	Full Sun
Blooming Season	June - October
Pollinators	Karner Blue (<i>Lycaeides melissa samulelis</i>) Paper Wasps (<i>Polistes</i> spp.) Halictid bees



Common Name	Spotted Joe-Pye-Weed
Latin Name	<i>Eutrochium maculatum</i>
Size (height)	60 - 200 cm
Soil	Moist
Sun	Full Sun - Partial Shade
Blooming Season	July - September
Pollinators	Ruby Tiger Moth (Host) Red-spotted Purple Butterfly Bumble Bees Cuckoo Bees



Common Name	Sweet Joe-Pye-Weed
Latin Name	<i>Eutrochium purpureum</i>
Size (height)	Up to over 2m
Soil	Moist
Sun	Light Shade - Partial Shade
Blooming Season	July - September
Pollinators	Bumblebees Leaf-cutting bees Ruby Tiger Moth (<i>Phragmatobia fuliginosa</i>)



Common Name	Wild Geranium
Latin Name	<i>Geranium maculatum</i>
Size (height)	70 cm
Soil	Well drained soil
Sun	Full Sun - Partial Shade
Blooming Season	April - June
Pollinators	White-marked Tussock Moth (Host) Mourning Cloak Butterfly Mining Bees, e.g. <i>Andrena distans</i> Sweat Bees



Common Name	Wild Strawberry
Latin Name	<i>Frageria virginiana</i>
Size (height)	7.5 - 15 cm
Soil	Moist
Sun	Light Shade - Partial Shade
Blooming Season	Flowers in May Fruit in June
Pollinators	Purple Lined Sallow Moth (Host) Bronze Copper Butterfly Long-horned Bees Mining Bees



Common Name	Woodland Sunflower
Latin Name	Helianthus divaricatus
Size (height)	60 – 180cm
Soil	Dry – Partially Moist
Sun	Partial Shade - Full Sun
Blooming Season	June – September
Pollinators	Painted Lady Butterfly (Host) Common Ringlet Butterfly Sweat Bees, e.g. <i>Dieunomia heteropoda</i> ^ Long-horned Bees



Common Name	Sweet Ox-Eye
Latin Name	Helianthus helianthoides
Size (height)	60 - 150 cm
Soil	Moist - Dry
Sun	Full Sun - Partial Shade
Blooming Season	July - September
Pollinators	Honeybees Bumblebees Little carpenter bees Painted Lady butterflies



Common Name	Wild Blue Lupine
Latin Name	<i>Lupinus perennis</i>
Size (height)	30 - 90 cm
Soil	Dry, well drained soil
Sun	Full Sun - Partial Shade
Blooming Season	
Pollinators	Karner Blue Butterfly (Extirpated) (Host) Wild Indigo Duskywing Butterfly (Host) Bumble Bees Mason Bees



Common Name	Ostrich Fern
Latin Name	<i>Matteuccia struthiopteris</i>
Size (height)	60 - 80 cm
Soil	Moist or Dry
Sun	Full sun – Full shade
Blooming Season	April – November
Pollinators	These create great habitat for insects, however do not need pollinators because they use spores instead of pollen.



Common Name	Oswago tea OR Red Bergamot
Latin Name	Monarda didyma
Size (height)	Up to 150cm
Soil	Moist
Sun	Part – Full Shade
Blooming Season	May – October
Pollinators	Bees Butterflies Hummingbirds – Ruby Throated



Common Name	Wild Bergamot
Latin Name	Monarda fistulosa
Size (height)	60 - 120 cm
Soil	Dry
Sun	Full Sun - Partial Shade
Blooming Season	June – September
Pollinators	American Copper Butterfly Blinded Sphinx Moth Mason Bees, e.g. <i>Osmia distincta</i> Small Carpenter Bees



Common Name	Hairy Beardtongue
Latin Name	Penstemon hirsutus
Size (height)	30 - 90cm
Soil	Dry
Sun	Full Sun - Partial Shade
Blooming Season	June - July
Pollinators	Attract long-tongued bees and butterflies American Copper Butterfly Blinded Sphinx Moth Mason Bees, e.g. <i>Osmia distincta</i> Small Carpenter Bees



Common Name	Obedient plant or False Dragonhead
Latin Name	<i>Physostegia virginiana</i>
Size (height)	30 - 120 cm
Soil	Wet - Partially Moist
Sun	Full Sun - Partial Shade
Blooming Season	July – September
Pollinators	Bumblebees Long-tongued bees Ruby-Throated Hummingbird



Common Name	Virginia Mountain Mint
Latin Name	<i>Pycnanthemum virginianum</i>
Size (height)	30 - 75cm
Soil	Dry – Partially Moist
Sun	Full Sun - Partial Shade
Blooming Season	July - September
Pollinators	Cuckoo bees Halictid bees Sphecid wasps Pearl Crescent butterflies



Common Name	Black-Eyed Susan
Latin Name	Rudbeckia hirta
Size (height)	30 - 90 cm
Soil	Dry - Moist
Sun	Full Sun - Partial Shade
Blooming Season	June – October
Pollinators	Camouflaged Looper Moth (Host) Tiger Swallowtail Butterfly Long-horned Bees Mining Bees



Common Name	Canada Goldenrod
Latin Name	<i>Solidago canadensis</i>
Size (height)	Up to 200cm
Soil	Dry – Moist
Sun	Full Sun – Partial Shade
Blooming Season	July/August - October
Pollinators	Andrenid Bees, Miner Bees (Andrenidae) Ants (Formicidae) Gossamer-winged Butterflies (Lycaenidae)



Common Name	Early Goldenrod
Latin Name	<i>Solidago juncea</i>
Size (height)	Up to 1 metre Tall
Soil	Dry
Sun	Full Sun - Partial Shade
Blooming Season	June – August
Pollinators	Goldenrod Flower Moth (Host) Pearl Crescent Butterfly Mining Bees, e.g. Hairy-banded Andrena Cellophane Bees



Common Name	New England Aster
Latin Name	<i>Symphyotrichum novae-angliae</i>
Size (height)	90 - 210cm
Soil	Moist
Sun	Full Sun
Blooming Season	August – October
Pollinators	Pearl Crescent Butterfly(Host) Common Buckeye Butterfly Long-horned Bees, e.g. <i>Melissodes druriella</i> ^ Bumble Bees



Common Name	Sky Blue Aster
Latin Name	<i>Symphyotrichum oolentangiense</i>
Size (height)	50 - 100 cm
Soil	Dry
Sun	Full sun
Blooming Season	August – October
Pollinators	Pearl Crescent Butterfly(Host) Common Buckeye Butterfly Long-horned Bees, e.g. <i>Melissodes druriella</i> ^ Bumble Bees

Plant	Sources
Achillea millefolium var. Ianulosa Yarrow	Image: http://www.wildflowersofontario.ca/yarrow.jpg
	Pollinators: https://www.prairiepollination.ca/plante-plant/herbe_a_dinde-common_yarrow/
	Plant Facts: http://www.nativeplantnursery.ca/download-the-grow-wild-native-plant-nursery-catalog/
Agastache nepetoides Yellow Hyssop	Image: https://upload.wikimedia.org/wikipedia/commons/a/a5/Agastache_nepetoides_-_Catnip_giant_hyssop.jpg
	Pollinators: https://www.canr.msu.edu/nativeplants/plant_facts/yellow_giant_hyssop
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Anaphalis margaritacea Pearly Everlasting	Image: https://live.staticflickr.com/8438/7818910732_0c960b81b9_b.jpg
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	Plant Facts: http://www.nativeplantnursery.ca/download-the-grow-wild-native-plant-nursery-catalog/
Anemone canadense Canada Anemone	Image: http://www.wildflowersofontario.ca/anemones.html
	Pollinators: http://www.restoringthelandscape.com/2012/06/native-plant-of-week-canada-anemone.html
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Aquilegia canadensis Wild Columbine	Image: https://cdn.shopify.com/s/files/1/2097/3287/products/aquilegia_canadensis_2000x.jpg?v=1590203943
	Pollinators: Credit Valley Conservation - Native Plants for Pollinators
	Plant Facts: http://www.nativeplantnursery.ca/download-the-grow-wild-native-plant-nursery-catalog/
Asclepias syrica Common Milkweed	Image: http://www.wildflowersofontario.ca/milkweed.jpg
	Pollinators: Credit Valley Conservation - Native Plants for Pollinators
	Plant Facts: http://www.nativeplantnursery.ca/download-the-grow-wild-native-plant-nursery-catalog/
Asclepias tuberosa Butterfly Milkweed	Image: http://www.wildflowersofontario.ca/butterflyweed.jpg
	Pollinators: Credit Valley Conservation - Native Plants for Pollinators
	Plant Facts: http://www.nativeplantnursery.ca/download-the-grow-wild-native-plant-nursery-catalog/
Asclepias verticillate Whorled Milkweed	Image: https://sugarcreekgardens.com/wp-content/uploads/2020/03/Asclepias-verticillata-Whorled-Milkweed-closeup-e1608070004996.jpg
	Pollinators: https://www.illinoiswildflowers.info/prairie/plantx/wh_milkweedx.htm
	Plant Facts: http://www.nativeplantnursery.ca/download-the-grow-wild-native-plant-nursery-catalog/

Asclepias viridiflora Green Comet Milkweed	Image: https://live.staticflickr.com/65535/48033130088_2a9797ba27_b.jpg
	Pollinators: https://www.illinoiswildflowers.info/prairie/plantx/sg_milkweedx.htm
	Plant Facts: http://www.nativeplantnursery.ca/download-the-grow-wild-native-plant-nursery-catalog/
Chamaenerion angustifolium Fireweed	Image: http://www.wildflowersofontario.ca/fireweed2.jpg
	Pollinators: Credit Valley Conservation - Native Plants for Pollinators
	Plant Facts: http://www.nativeplantnursery.ca/download-the-grow-wild-native-plant-nursery-catalog/
Chelone glabra Turtlehead	Image: http://www.wildflowersofontario.ca/turtlehead1.jpg
	Pollinators: https://www.illinoiswildflowers.info/wetland/plants/wh_turtlehead.htm
	Plant Facts: http://www.nativeplantnursery.ca/download-the-grow-wild-native-plant-nursery-catalog/
Cirsium discolor Field Thistle	Image: https://michiganflora.net/species_images/m/97795.jpg
	Pollinators: https://www.illinoiswildflowers.info/prairie/plantx/ps_thistlex.htm
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Echinacea pallida Pale-purple Coneflower	Image: https://onplants.ca/wp-content/uploads/2016/07/Echinacea2_Reyna_July21-e1641925734967.jpg
	Pollinators: Credit Valley Conservation - Native Plants for Pollinators
	Plant Facts: http://www.nativeplantnursery.ca/download-the-grow-wild-native-plant-nursery-catalog/
Euphorbia corollata Flowering Spurge	Image: https://www.gardenia.net/storage/app/public/uploads/images/detail/Hv5TvEjFlrkLLJiMrzXHvhBeF9oEaMc77vQ5mBIP.webp
	Pollinators: https://www.illinoiswildflowers.info/prairie/plantx/flw_spurgex.htm
	Plant Facts: http://www.nativeplantnursery.ca/download-the-grow-wild-native-plant-nursery-catalog/
Eutrochium maculatum Spotted Joe-Pye-Weed	Image: https://www.gardenia.net/storage/app/public/uploads/images/detail/iMeN0QDW8CzjkZKVJVI9AuJvH8P4GYtdiq131Q95.webp
	Pollinators: Credit Valley Conservation - Native Plants for Pollinators
	Plant Facts: http://www.nativeplantnursery.ca/download-the-grow-wild-native-plant-nursery-catalog/
Eutrochium purpureum Sweet Joe-Pye-Weed	Image: http://www.wildflowersofontario.ca/joepyeweed2.jpg
	Pollinators: https://www.illinoiswildflowers.info/savanna/plants/sw_joepye.htm
	Plant Facts: http://www.nativeplantnursery.ca/download-the-grow-wild-native-plant-nursery-catalog/

Geranium maculatum Wild Geranium	Image: http://www.wildflowersofontario.ca/geranium.jpg
	Pollinators: Credit Valley Conservation - Native Plants for Pollinators
	Plant Facts: http://www.nativeplantnursery.ca/download-the-grow-wild-native-plant-nursery-catalog/
Frageria virginiana Wild Strawberry	Image: https://michiganflora.net/species_images/m/6267.jpg
	Pollinators: Credit Valley Conservation - Native Plants for Pollinators
	Plant Facts: http://www.nativeplantnursery.ca/download-the-grow-wild-native-plant-nursery-catalog/
Helianthus divaricatus Woodland Sunflower	Image: https://www.gardenia.net/storage/app/public/uploads/images/detail/aRVpOY7o4QDBsHyVOhaNLyCAckGN0IpAHSgEOFGs.webp
	Pollinators: Credit Valley Conservation - Native Plants for Pollinators
Heliopsis helianthoides Sweet Ox-Eye	Image: https://upload.wikimedia.org/wikipedia/commons/1/15/Heliopsis_July_2011-2.jpg
	Pollinators: http://www.illinoiswildflowers.info/prairie/plantx/fs_sunflowerx.htm
	Plant Facts: http://www.nativeplantnursery.ca/download-the-grow-wild-native-plant-nursery-catalog/
Lupinus perennis Blue Lupine	Image: http://www.wildflowersofontario.ca/lupins.jpg
	Pollinators: Credit Valley Conservation - Native Plants for Pollinators
	Plant Facts: http://www.nativeplantnursery.ca/download-the-grow-wild-native-plant-nursery-catalog/
Matteuccia struthiopteris Ostrich Fern	Image: https://www.gardenia.net/storage/app/public/uploads/images/detail/2NfDh6V9dw5CXjA7oVM1CIO7KcQ0ajkPOx4nAv8Z.webp
	Plant Facts: http://www.nativeplantnursery.ca/download-the-grow-wild-native-plant-nursery-catalog/
Monarda didyma Red Bergamot	Image: https://www.wildflower.org/image_archive/640x480/A_C/A_C_IMG3196.JPG
	Pollinators: https://www.almanac.com/plant/bee-balm
	Plant Facts: http://www.nativeplantnursery.ca/download-the-grow-wild-native-plant-nursery-catalog/
Monarda fistulosa Wild Bergamot	Image: http://www.wildflowersofontario.ca/bergamot2.jpg
	Pollinators: Credit Valley Conservation - Native Plants for Pollinators
	Plant Facts: http://www.nativeplantnursery.ca/download-the-grow-wild-native-plant-nursery-catalog/
Penstemon hirsutus Hairy Beardtongue	Image: https://www.critsite.com/_ccLib/image/plants/DETA-100591.jpg
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	Plant Facts: http://www.nativeplantnursery.ca/download-the-grow-wild-native-plant-nursery-catalog

Physostegia virginiana False Dragonhead	Image: http://www.wildflowersofontario.ca/obedient%20plant%20domestic.jpg
	Pollinators: http://www.illinoiswildflowers.info/prairie/plantx/obed_plantx.htm
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Pycnanthemum virginianum Virginia Mountain Mint	Image: https://www.toadshade.com/images/Pycnanthemum-verticillatum-verticillatum_1.jpg
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Rudbeckia hirta Black-Eyed Susan	Image: http://www.wildflowersofontario.ca/blackeyedsusan.jpg
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Solidago canadensis Canada Goldenrod	Image: https://xeraplants.com/wp-content/uploads/2019/10/1A61B328-AA1B-43F0-83D2-42EA086D0907-e1571971575672.jpeg
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	Plant Facts: http://www.nativeplantnursery.ca/download-the-grow-wild-native-plant-nursery-catalog
Solidago juncea Early Goldenrod	Image: https://s3.amazonaws.com/eit-planttoolbox-prod/media/images/Solidago-juncea--Dan-Mullen--CC-BY-NC-ND.jpg
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	Plant Facts: http://www.nativeplantnursery.ca/download-the-grow-wild-native-plant-nursery-catalog/
Symphyotrichum novae-angliae New England Aster	Image: http://www.wildflowersofontario.ca/newenglandaster.jpg
	Pollinators: Credit Valley Conservation - Native Plants for Pollinators
	Plant Facts: http://www.nativeplantnursery.ca/download-the-grow-wild-native-plant-nursery-catalog/
Symphyotrichum oolentangiense Sky Blue Aster	Image: http://www.illinoiswildflowers.info/prairie/photox/sky_aster1.jpg
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Penstemon hirsutus Hairy Beardtongue	Image: https://www.critsite.com/ccLib/image/plants/DETA-100591.jpg
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