

Benefits of Xeriscape

Enhances the value of your home with an attractive and water-conserving landscape.

Reduces water use by 30 – 100% depending on the design and the plants used.

Creates landscapes that can withstand drought and watering restrictions.

Saves time with less watering, trimming, weeding and mowing.

Saves money with less water, less maintenance, and no need for pesticides or chemical fertilizers.

Eliminates pesticide use because plants growing in their ideal conditions thrive.

Protects your family's health and that of the environment and keeps toxic chemicals out of our drinking water.

The Principles of Xeriscape

1. Planning & Design

Plan your xeriscape by deciding all the activities you expect to do on your property. Assess your light, soil and moisture conditions. Create an overall plan and set your priorities.

2. Soil Preparation

Start with good soil containing lots of organic matter (e.g. compost or manure) to grow healthy plants. This reduces maintenance tasks, watering and the need for chemical fertilizers and pesticides, saving you time and money.

3. Practical Turf Areas

Use at least six inches of good soil and a drought-tolerant turf grass mix. Plant only where needed for activities.

4. Efficient Irrigation

Group plants with similar watering needs together. Drip irrigation is the most efficient.

5. Appropriate Plant Selection

Match each plant's requirements for light and moisture with conditions in your garden. Where possible, choose native and/or drought-tolerant plants.

6. Mulching

Add organic mulch to conserve soil moisture, reduce weed growth and provide natural fertilizer for plants. Non-xeriscape landscapes also benefit from mulching. Note: rock mulches intensify heat around plants and buildings.

7. Garden Maintenance

Following xeriscape principles reduces maintenance. To keep plants healthy and preserve your design, timely maintenance (such as pulling weeds before they seed) is essential.



Okanagan Xeriscape Association

The OXA is a non-profit organization formed in 2009 to bring xeriscape awareness to the valley by using demonstrations such as this garden, presentations, classes, and a website and plant database.

The Okanagan Basin Water Supply and Demand Study reports that 24% of the valley's water is used on the domestic outdoor landscape. Widespread adoption of xeriscape principles (see inside) could significantly reduce water use.

Xeriscapes will help the valley adapt to the increasing fluctuations in water supply that can be expected with climate change.

For a detailed xeriscape plant database and more information about xeriscape, the garden, and classes, visit

www.okanaganxeriscape.org

WELCOME TO
THE UNH₂O GARDEN
A XERISCAPE DEMONSTRATION GARDEN

CREATED BY



Okanagan Xeriscape Association



Donors

The Okanagan Xeriscape Association wishes to thank everyone for their contributions. This project was undertaken with the financial support of the Government of Canada provided through the Department of the Environment; the City of Kelowna; the Okanagan Basin Water Board; and with the assistance of the local landscaping industry.



LOCATED IN FRONT OF:

H₂O Adventure + Fitness Centre, 4075 Gordon Drive, Kelowna

THANK YOU FOR STAYING ON THE PATHWAYS

Xeriscape, from the Greek *xeros*, meaning "dry" and *scape*, meaning "scene", is gardening with the natural conditions of the environment, to create a landscape that needs little to no supplemental water.

THE GARDEN

The goal of this public garden is to show the beauty and versatile range of garden styles that can be achieved using xeriscape principles. Xeriscape is much more than rocks and cactus. It is a garden landscape that requires little to no supplemental water from irrigation. This is an important concept to embrace in a near-desert valley.

The 4,000 square foot garden, planted in 2010, has five theme areas to illustrate some possibilities in a xeriscape.

All xeriscape plants need irrigation in their first year to establish strong root systems. The **MEDITERRANEAN GARDEN**, two **ROCK GARDENS**, and the **NATIVE PLANT GARDEN** have very low water plants that can survive drought but may need a small amount of supplemental irrigation during extended hot, dry periods. The **BUTTERFLY GARDEN** and the **ORNAMENTAL GRASS GARDEN** will always need a small amount of supplemental water during dry periods. The drip system under the mulch minimizes water use. The trees are on their own irrigation zone as their watering needs differ from the rest of the plants.

The garden is a research tool. Records are kept by the OXA on water use in each garden and on plant performance. The garden is also used as an outdoor classroom to teach xeriscape classes offered by the OXA. It is maintained by volunteers. As with all gardens, this one will evolve after the printing of this brochure. Any changes to the plant list will be noted on our website.

We hope you enjoy the garden and share our passion for beautiful, water-efficient and regionally-appropriate landscapes to apply in your own outdoor spaces.

PLANT LIST KEY: Plant type: GC = ground cover P = perennial OG = ornamental grass S = shrub T = tree

Approximate water needs within the valley: ◆ needs 0 to 3" additional water/year ◆◆ needs 4 to 7" additional water/year, once established

Botanical Name **Common Name** **Type H2O**

BUTTERFLY GARDEN

(Plants in the raised garden are part of the Butterfly Garden)

<i>Achillea millefolium</i> 'Moonshine'	Moonshine Yarrow	P ... ◆◆
<i>Achillea millefolium</i> 'Paprika'	Paprika Yarrow	P ... ◆◆
<i>Achillea millefolium</i> 'Terracotta'	Terracotta Yarrow	P ... ◆◆
<i>Agastache</i> 'Heat Wave'	Heat Wave Hummingbird Mint	P ... ◆◆
<i>Aster frikartii</i> 'Monch'	Monch Summer Aster	P ... ◆◆
<i>Berberis thunbergii</i> 'Gentry'	Royal Burgundy Barberry	S ... ◆◆
<i>Berberis thunbergii</i> 'Monbomb'	Cherry Bomb Barberry	S ... ◆◆
<i>Bouteloua gracilis</i>	Blue Gramma Grass	OG... ◆
<i>Campanula poscharskyana</i> 'Blue Waterfall'	Blue Waterfall Serbian Bellflower	P ... ◆◆
<i>Caryopteris x clandonensis</i>	Blue Mist Spirea	S ... ◆◆
<i>Centranthus ruber</i>	Jupiter's Beard	P ... ◆◆
<i>Coreopsis verticillata</i> 'Zagreb'	Zagreb Threadleaf Tickseed	P ... ◆◆
<i>Deschampsia cespitosa</i> 'Bronzeschleier'	Bronze Veil Tufted Hair Grass	OG... ◆◆
<i>Echinacea purpurea</i> 'Magnus'	Magnus Purple Coneflower	P ... ◆◆
<i>Eriophyllum l. var. arachnoideum</i>	Wooly Sunflower	P ... ◆
<i>Gaillardia x grandiflora</i> 'Burgundy'	Burgundy Blanket Flower	P ... ◆
<i>Iberis sempervirens</i> 'Little Gem'	Little Gem Evergreen Candytuft	P ... ◆◆
<i>Juniperus scopulorum</i> 'Medora'	Medora Juniper	S ... ◆
<i>Limonium latifolium</i>	Sea Lavender	P ... ◆◆
<i>Oreganum vulgare</i> 'Aureum'	Golden Oregano	P ... ◆
<i>Physocarpus opulifolius</i> 'Diabolo'	Diabolo Ninebark	S ... ◆◆
<i>Rosa rugosa</i> 'Hansa'	Hansa Rose	S ... ◆◆
<i>Rosa rugosa</i> 'Nearly Wild'	Nearly Wild Rose	S ... ◆◆
<i>Rosa x rugosa</i> 'Blanc de Coubert'	Blanc de Coubert Rose	S ... ◆◆
<i>Rudbeckia fulgida</i> 'Goldsturm'	Goldsturm Coneflower	P ... ◆◆
<i>Salvia</i> 'East Friesland'	East Friesland Perennial Salvia	P ... ◆◆
<i>Salvia officinalis</i> 'Aurea'	Golden Sage	P ... ◆
<i>Salvia x sylvestris</i> 'Caradonna'	Caradonna Perennial Salvia	P ... ◆◆

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MEDITERRANEAN GARDEN

<i>Callirhoe involucrata</i>	Poppy Mallow	P ... ◆
<i>Coreopsis verticillata</i> 'Golden Gain'	Golden Gain Threadleaf Tickseed	P ... ◆
<i>Delosperum cooperi</i>	Purple Ice Plant	P ... ◆
<i>Euphorbia polychroma</i>	Cushion Spurge	P ... ◆
<i>Gonolimonium tartaricum</i>	German Statice	P ... ◆
<i>Koeleruteria paniculata</i>	Golden Rain Tree	T ... ◆◆
<i>Lavandula x intermedia</i> 'Grosso'	Lavender Grosso	P ... ◆
<i>Nepeta racemosa</i> 'Walker's Low'	Walker's Low Blue Catmint	P ... ◆
<i>Oenothera macrocarpa (missouriensis)</i>	Missouri Evening Primrose	P ... ◆
<i>Santolina chamaecyparissus</i>	Lavender Cotton	P ... ◆
<i>Sedum</i> 'Matrona'	Matrona Tall Stonecrop	P ... ◆
<i>Sedum</i> 'Postman's Pride'	Postman's Pride Stonecrop	P ... ◆
<i>Stachys byzantina</i> 'Helen von Stein'	Giant Lamb's Ears	P ... ◆
<i>Thymus pseudolanuginosus</i>	Wooly Thyme	GC... ◆
<i>Yucca</i> 'Golden Sword'	Golden Sword Yucca	P ... ◆

NATIVE PLANT GARDEN

<i>Allium cernuum</i>	Nodding Onion	P ... ◆
<i>Amelanchier alnifolia</i>	Saskatoon	S ... ◆
<i>Antennaria dioica</i> 'Rubra'	Pink Pussytoes	P ... ◆
<i>Aster conspicuus</i>	Showy Aster	P ... ◆
<i>Aster ericoides ssp. pansus</i>	Tufted White Prairie Aster	P ... ◆
<i>Chrysothamnus nauseosus</i>	Rabbit-brush	S ... ◆
<i>Elymus cinereus</i>	Giant Wild Rye	OG... ◆◆
<i>Gaillardia aristata</i>	Brown Eyed Susan	P ... ◆
<i>Heterotheca villosa</i>	Golden Aster	P ... ◆
<i>Heuchera cylindrica</i>	Round-leaved Alumroot	P ... ◆
<i>Holodiscus discolor</i>	Ocean Spray	S ... ◆
<i>Philadelphus lewisii</i>	Mock Orange	S ... ◆
<i>Pseudoregneria spicatum</i>	Blue Bunch Wheat Grass	OG... ◆

Botanical Name **Common Name** **Type H2O**

ORNAMENTAL GRASS GARDEN

<i>Aster frikartii</i> 'Monch'	Monch Summer Aster	P ... ◆◆
<i>Berberis thunbergii</i> 'Monbomb'	Cherry Bomb Barberry	S ... ◆◆
<i>Bouteloua gracilis</i>	Blue Gramma Grass	OG... ◆
<i>Helictotrichon sempervirens</i>	Blue Oat Grass	OG... ◆
<i>Hemerocallis</i> 'Stella d'Oro'	Stella d'Oro Daylily	P ... ◆◆
<i>Lavandula</i> 'Kathleen Elizabeth'	Kathleen Elizabeth Lavender	P ... ◆
<i>Panicum virgatum</i> 'Heavy Metal'	Heavy Metal Switch Grass	OG... ◆◆
<i>Rudbeckia fulgida</i> 'Goldsturm'	Goldsturm Coneflower	P ... ◆◆
<i>Sedum</i> 'Arctic Fire'	Arctic Fire Stonecrop	P ... ◆
<i>Sedum cyaneum</i> 'Rose Carpet'	Rose Carpet Sedum	P ... ◆
<i>Sporobolus heterolepis</i>	Prairie Dropseed	OG... ◆
<i>Syringa reticulata</i> 'Ivory Silk'	Ivory Silk Lilac Tree	T ... ◆◆

ROCK GARDENS

<i>Anthemis marschalliana</i>	Alpine Marguerite Daisy	P ... ◆
<i>Armeria martitima</i> 'Dusseldorf Pride'	Dusseldorf Pride Thrift	P ... ◆
<i>Artemesia schmidtiana</i> 'Nana'	Silver Mound	P ... ◆
<i>Festuca glauca</i>	Blue Fescue	OG... ◆
<i>Geranium</i> 'Splendens'	Splendens Dwarf Cranesbill	P ... ◆
<i>Penstemon mexicali</i> 'Red Rocks'	Red Rocks Penstemon	P ... ◆
<i>Penstemon pinifolius</i>	Pine Leaf Penstemon	P ... ◆
<i>Sedum spp.</i>	Stonecrop spp.	P ... ◆
<i>Sempervivum spp.</i>	Hen and Chicks spp.	P ... ◆



www.okanaganxeriscape.org

• plant database • plant details and photos

For more information about the unH2O Garden, including the current plant directory, view the OXA Projects page:

<http://goo.gl/Rg0MyM>