

Cheyenne - - An odd place to put a city

No large body of water No river No usable natural resource



Cheyenne - - A tough place to garden



Cheyenne - - A tough place to garden

#1 for hail nationally

#4 for wind in the

lower 48 states





BALLOON HANDLING TIPS FOR WINDY DAYS!

- 1. Hold bouquets CLOSE to your body.
- 2. Load and unload vehicles facing into the wind.
- 3. Mylar (foil) balloons: hold directly onto the tail of each one so they do not come off the ribbon.
- 4. Dust and other items loose in the wind can easily
- 5. Place your hand up close to the neck of the

Any balloon can pop at any time. Due to conditions beyond our control, Party America cannot be responsible for popped, damaged or lost balloons once they leave our store.

Cheyenne - A tough place to garden

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- #4 for wind in the lower 48 states
- Very little winter snow cover



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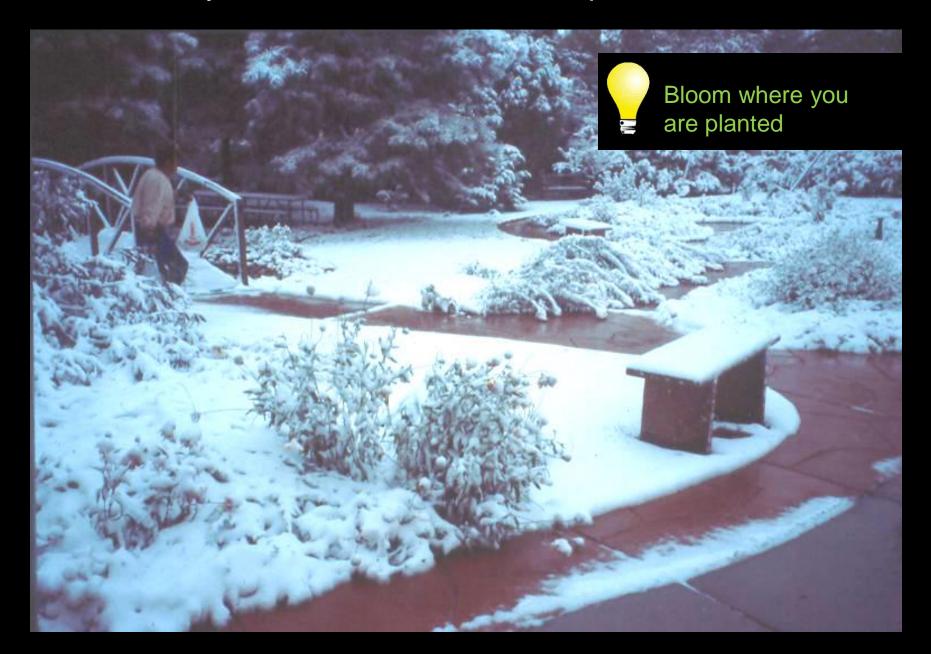
 Very little winter snow cover

- Cool summer nights make slow plant growth
- Unpredictable spring and fall frosts

Cheyenne Botanic Gardens September 13th



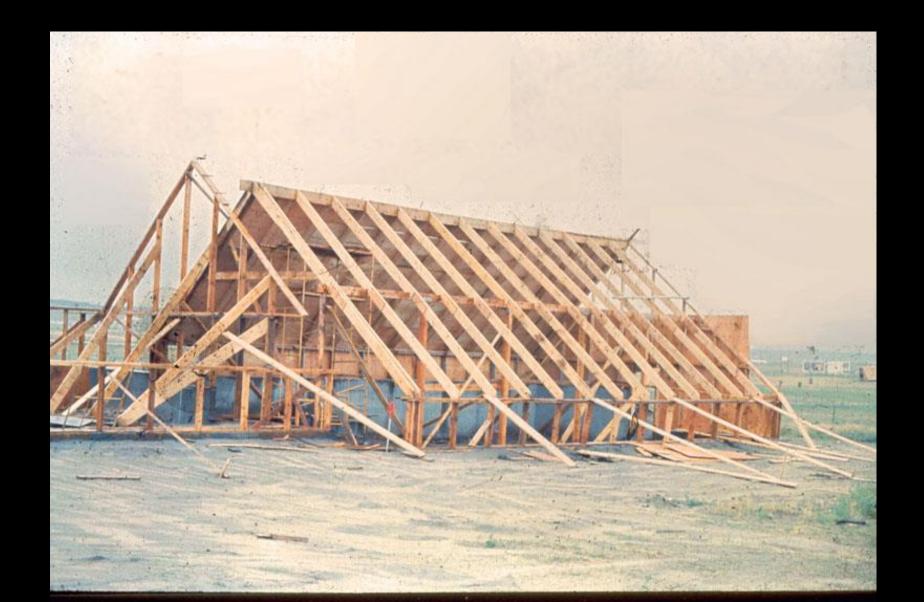
Cheyenne Botanic Gardens September 14th









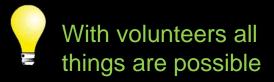




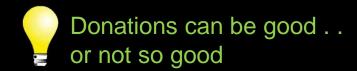


Hand-built solar conservatory



























Seniors are an underutilized resource





Make horticulture therapy meaningful









Innovate with what you have





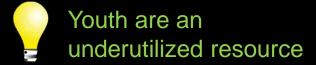


Change doesn't happen overnight



Confront your fears











Mixing people of different ages, backgrounds and perspectives enriches us all







Be willing to experiment

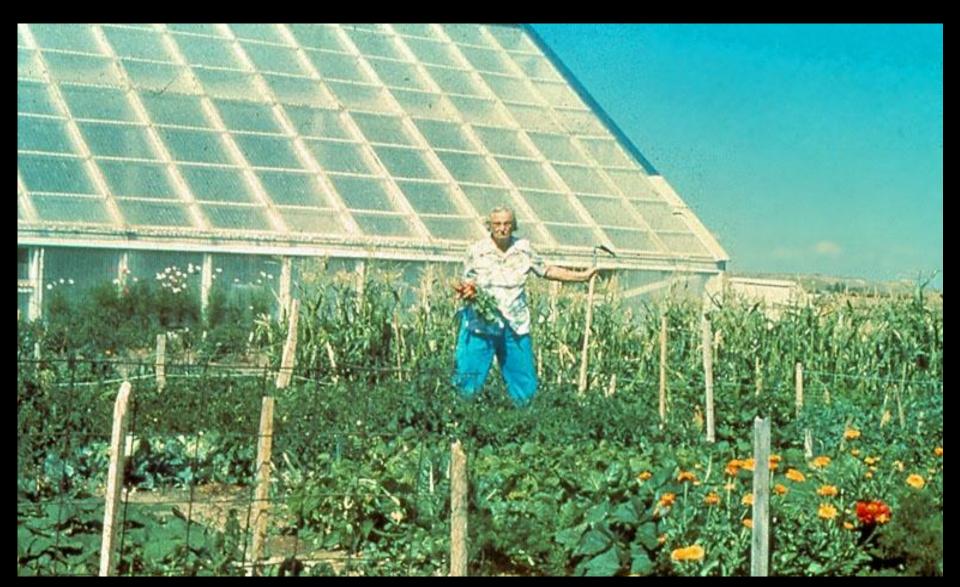








Community Gardens



Wyoming's first modern community garden 1978





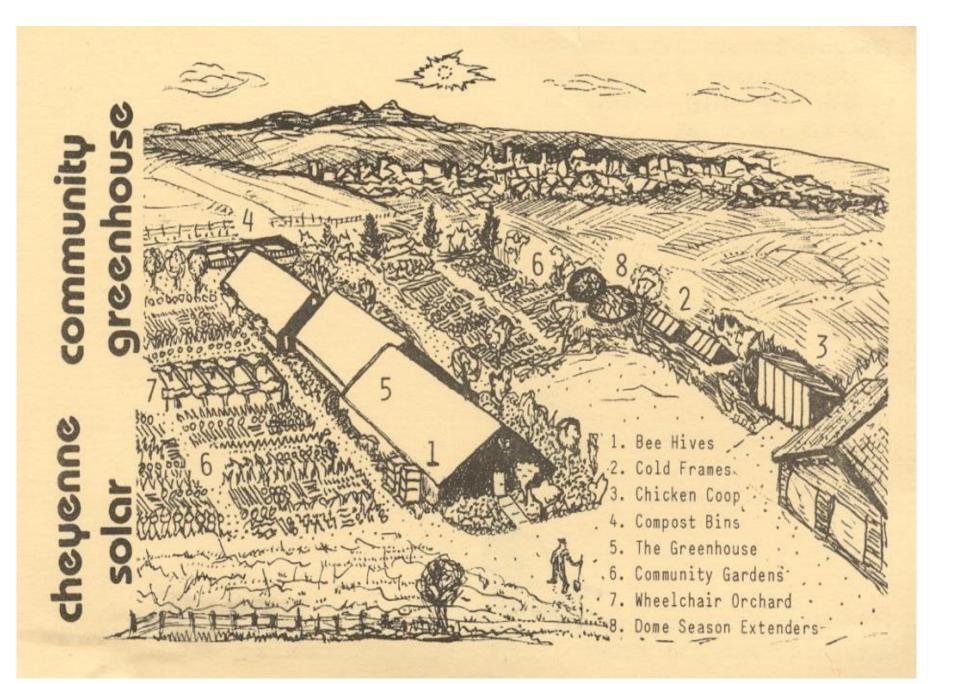
Diversity enhances everything





Create economic opportunity





Cheyenne Community Solar Greenhouse 1977 - 1986



Q. What can 20 senior citizens do politically?

A. Get a unanimous vote for approval of a \$450,000 grant



New name: Cheyenne Botanic Gardens 1986 moved to Lions Park



You have to be a salesman

You have to be a salesman

You have to get political

You have to be a salesman

You have to get political

You have to be careful

CHANGES

- 1977 Cheyenne Community Solar Greenhouse built and opened
- **1978** Started the State of Wyoming's first community garden since WWII era.
- **1980** The Cheyenne Botanic Gardens starts <u>Wyoming's first</u> farmers' market.
- 1984 Constructed the first wheelchair accessible orchard.
- **1985** \$395,000 Community Development Grant funds a new Botanic Garden structure in Lions Park.
- **1986** Construction of the new structure is completed and the Botanic Gardens becomes a division of the City of Cheyenne Parks and Recreation Department
- 1993 Gardens non-profit Foundation formed
- **1996 Peace Garden dedicated**
- 1996 First Botanic Garden to have Photovoltaic solar electricity
- 1997 Master Plan created that envisioned future gardens
- 2000 Rotary Century Plazas completed
- 2004 Rose Garden completed and opened
- 2005 Herb Garden completed and opened
- **2006** Garden Labyrinth dedicated
- 2008 62 acres of the USDA Research Station transferred to Gardens
- 2008 Cheyenne Botanic Gardens on ballot for \$750,000 fPassed by 62%
- 2009 First ever "LEED certified" (platinum) public children's garden opens.
- 2012 Renovation and Expansion on ballot for \$16,000,000 and passes by 56%
- 2012 All parts of master plan are completed except for new Grand Conservatry
- 2017 \$20 million Grand Conservatory Opens to the public















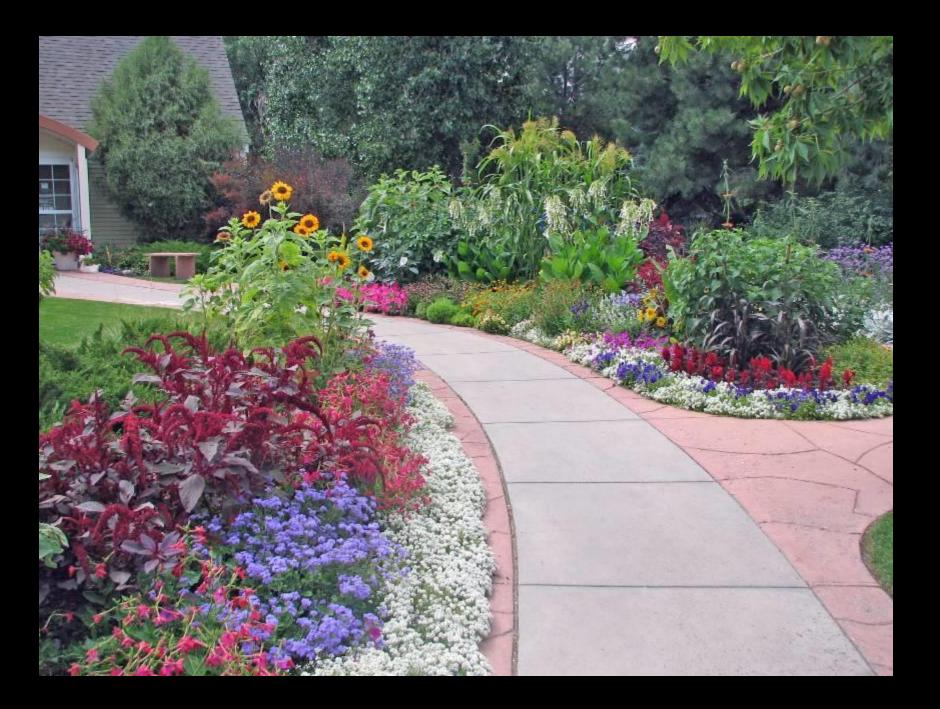












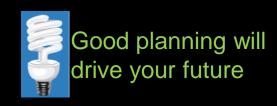


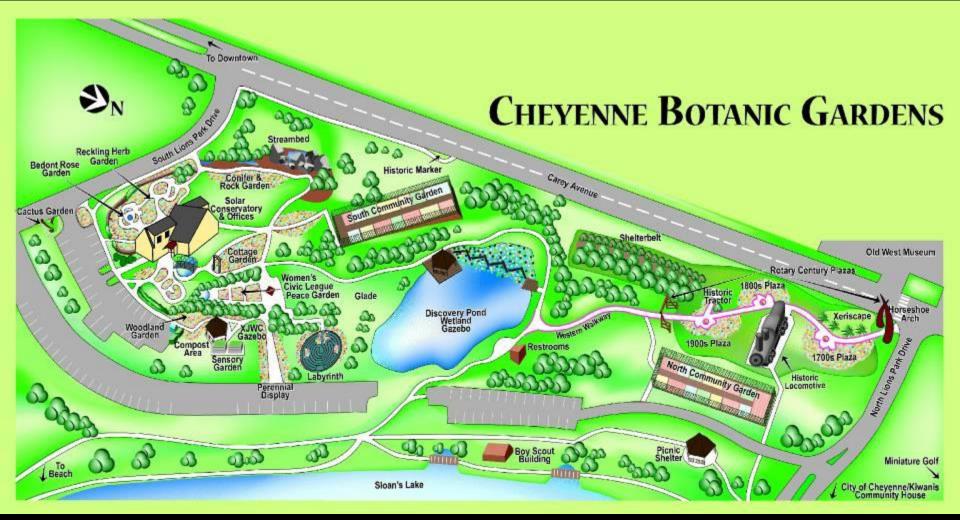




1997 Master Plan

The community provided most of the input



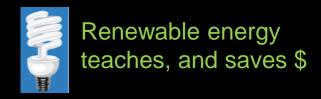






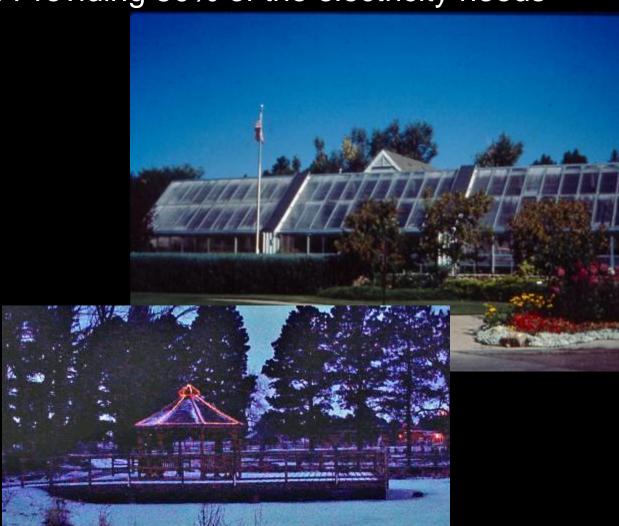






Photovoltaic Solar: Providing 50% of the electricity needs



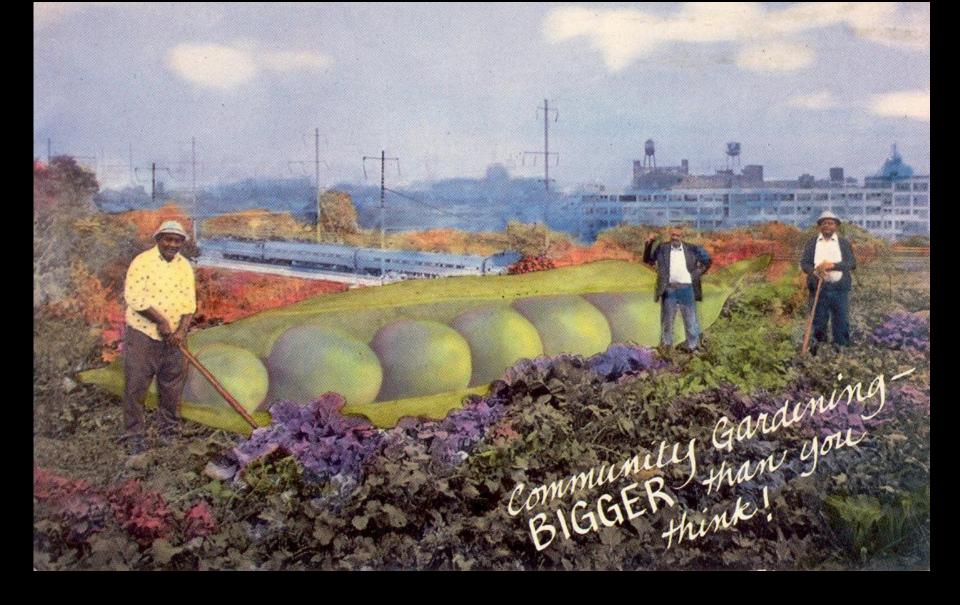




Sometimes you don't have to spend money







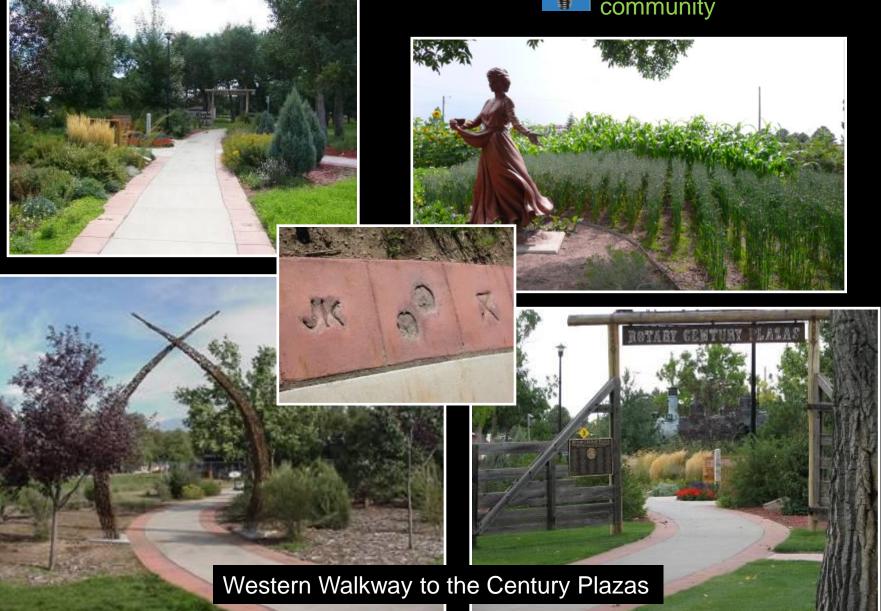




Rotary Century Plazas



Connect the city dwellers with the agriculture community







As long as most resident can remember Peanut Pond was only 1 foot deep and covered in algae and weeds.







August 2000 – Use youth to develop interpretation for the wetland and pond.

Provide 6th grade classes from 7 different schools with the tools to develop interpretive signs, postcards and a website for Discovery Pond and to provide a foundation for future classroom activities and mentorship.



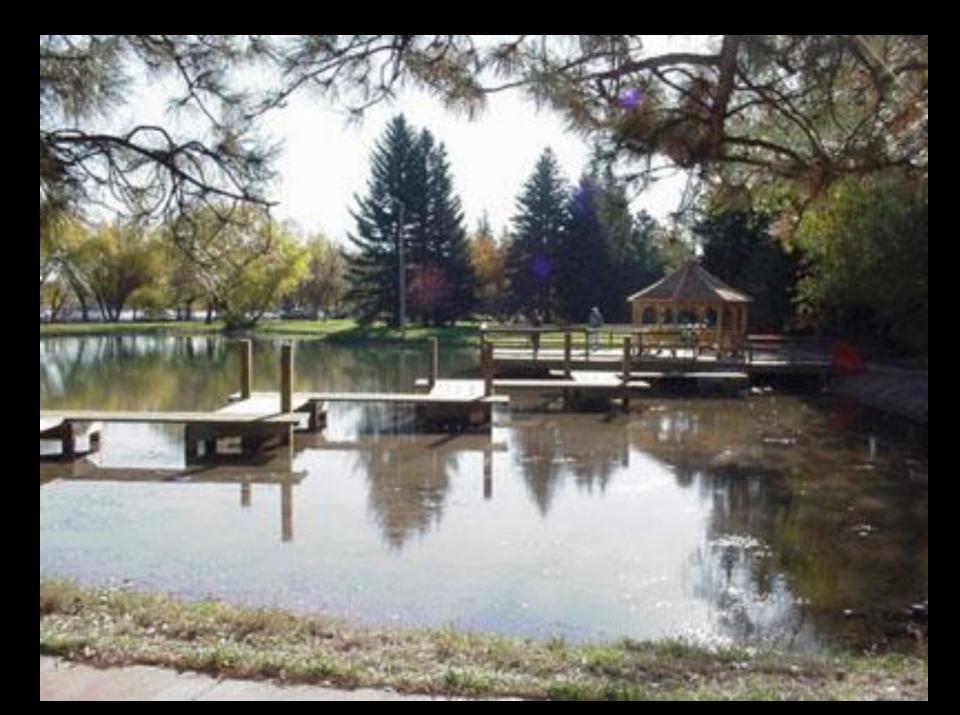


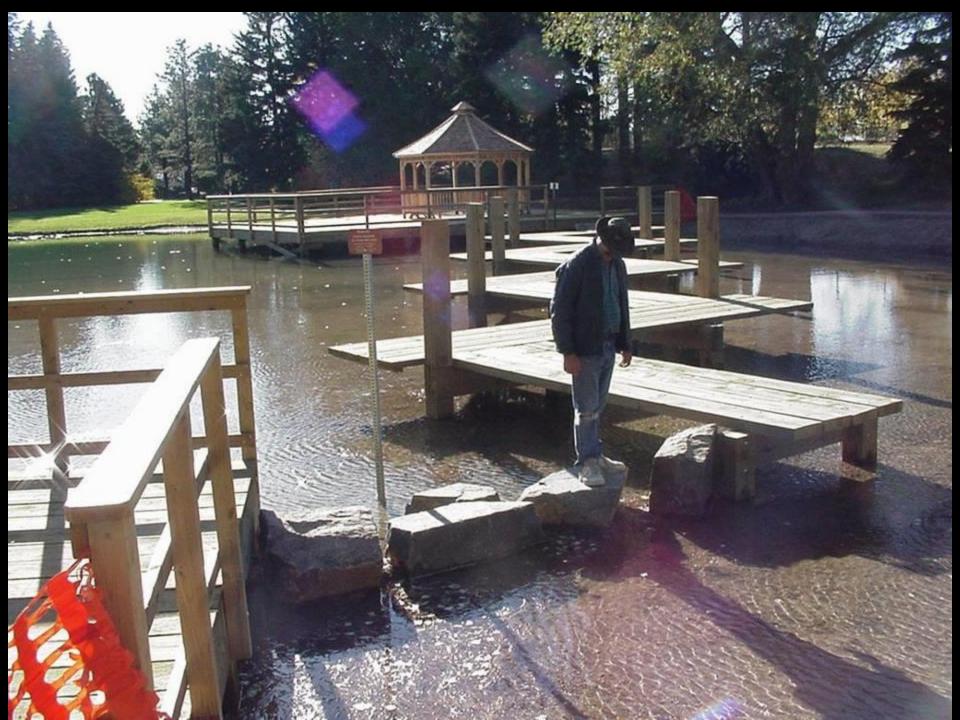
Build ownership whenever possible

Spring 2001 planting begins









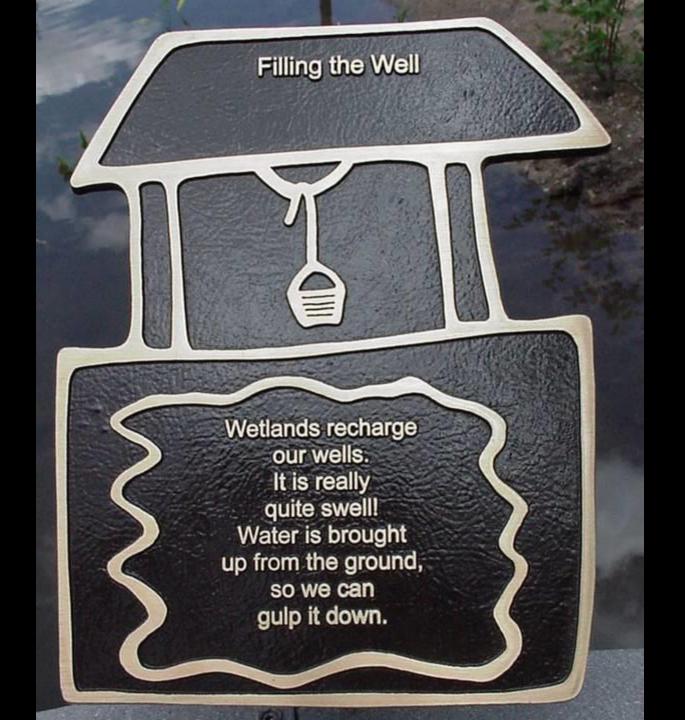


Summer 2001





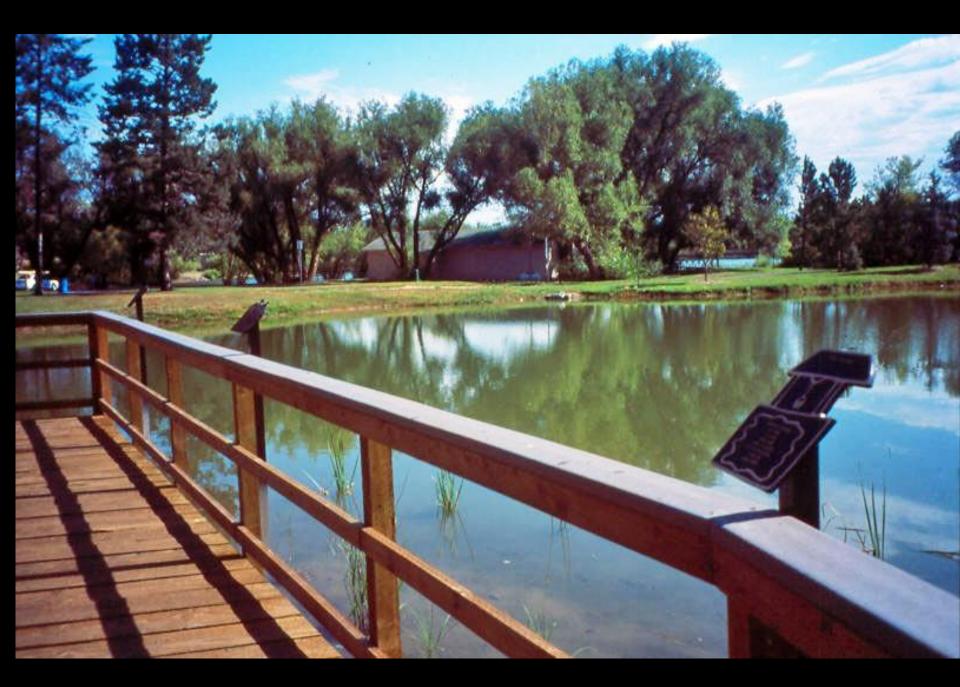










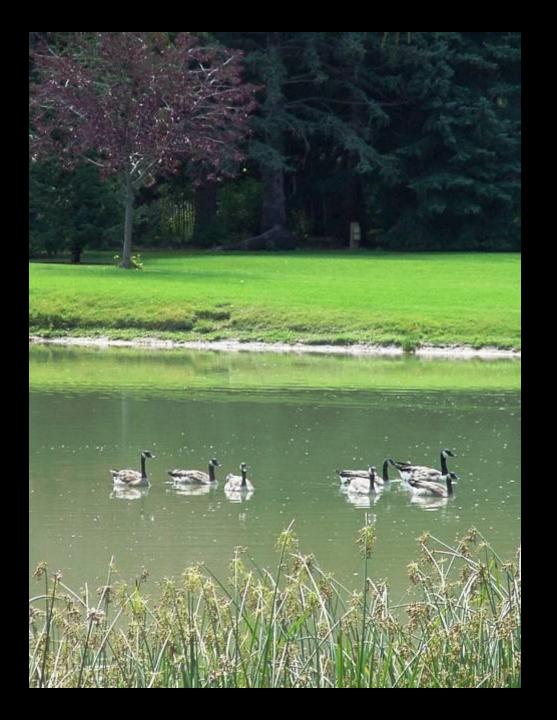
















Community Collaborations: on Discovery Pond

- Anonymous donor
- Cheyenne Parks and Recreation Department,
- Wyoming Game and Fish
- U.S. Fish and Wildlife Service
- Audubon Society
- Natural Resource and Conservation District
- Area students, schools and teachers
- Boy Scout Troop 116
- University of Wyoming
- Local Lumber yards
- Volunteers
- Private donors
- Contractor donor



















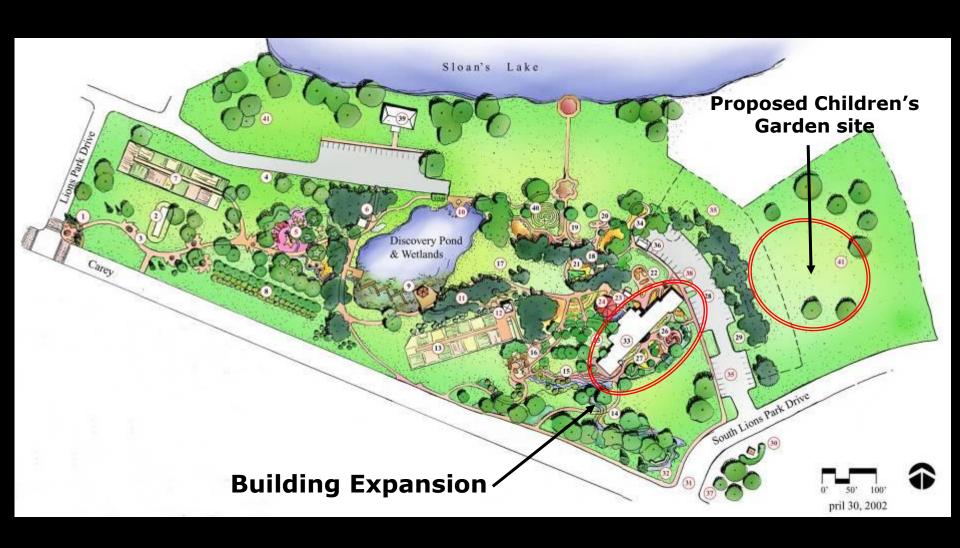








Finishing our master plan



Let's build a Children's Garden!

Inspiration. . . . APGA



Design:



Use Change: From City Parks Shop to Children's Garden

- * Remove newer metal building
- * Preserve historic rock wall and building
- * Relocate the parks shop to a more appropriate location























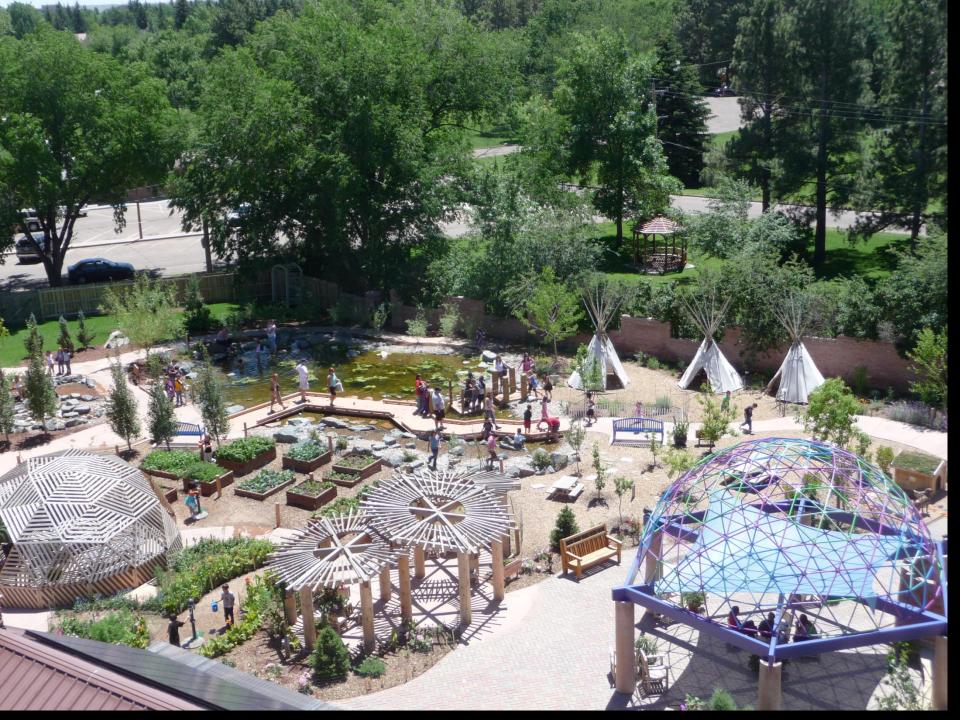














The Birthday Butterfly

The sun rises and sets at a different point on the horizon each day

USE THE BIRTHDAY BUTTERFLY TO DISCOVER

WHERE THE SUN RISES AND SETS ON THE HORIZON ON YOUR BIRTHDAY!

Step 1:

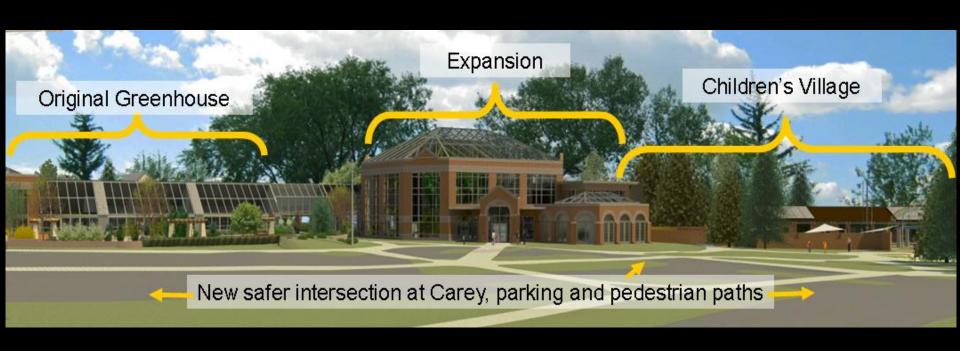
Look on the ends of the silver rays. Find your birthday on the SUNRISE side (on left) and SUNSET side (right)



Your birthday looks like this







SCIENCE CENTER

Our Mission is changing.



SCIENCE CENTER

The Kiwanis Periscope-



SCIENCE CENTER

Specialized Classroom microscope projection–



Science Center – Telescope viewing area on rooftop garden





Science Center – Telescope viewing area on rooftop garden



ADA compliance: better handicapped access



The Cheyenne Botanic Gardens

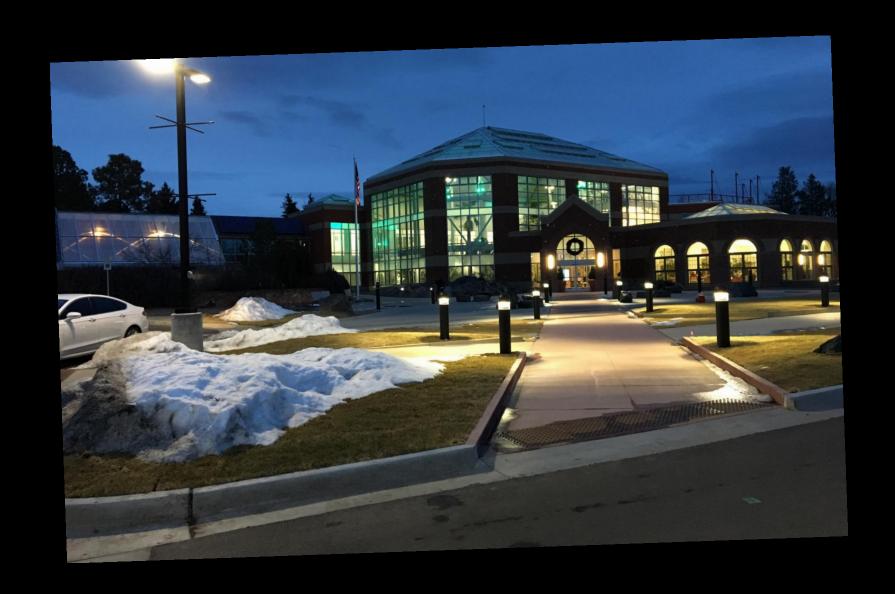


Growing our Gardens

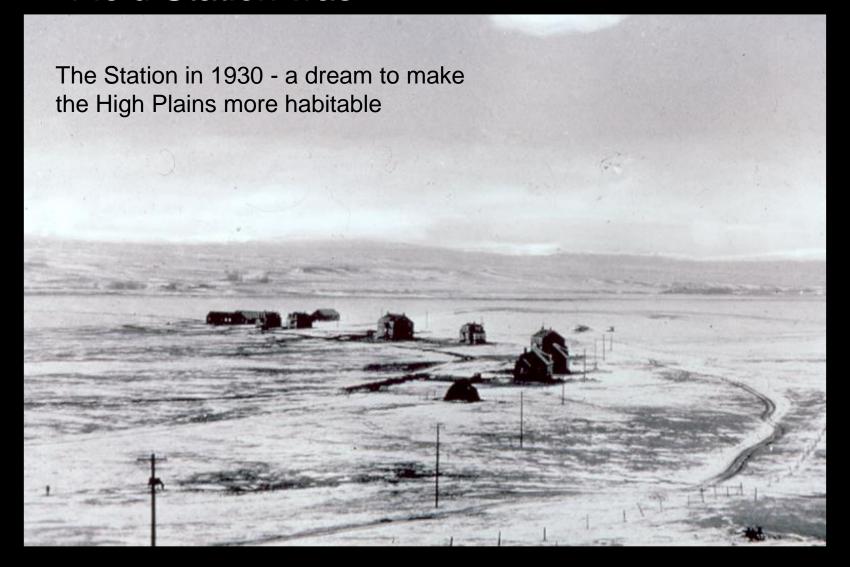
Where everybody goes and everybody grows

since 1977





The Cheyenne High Plains Horticulture Field Station was . . .



The Cheyenne Horticulture Field Station

At its peak, the High Plains
Horticulture Field Station
consisted of thousands of
varieties of trees and shrubs,
collected from all over the world.







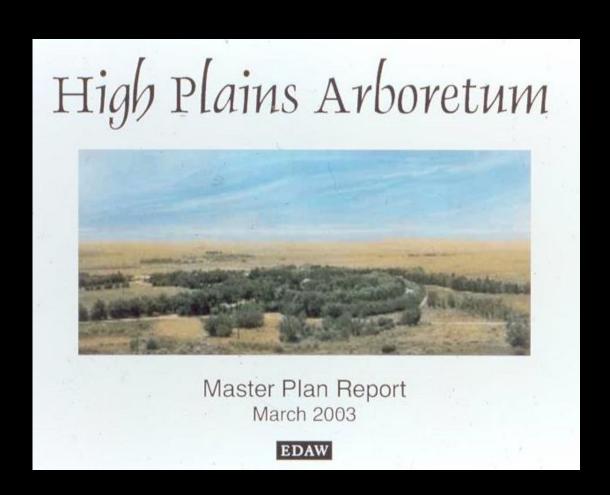






High Plains Arboretum Master Plan

This plan had input from the Friends of the High Plains Arboretum as well as USDA Staff.



All management is change management.

Albert Einstein quote: "Imagination is more important than knowledge.

Nothing great in the world has ever been accomplished without passion."

- Georg Wilhelm Friedrich

"You must be the person you have never had the courage to be. Gradually, you will discover that you are that person, but until you can see this clearly, you must pretend and invent."

—Paulo Coelho

Fake it until you make it.

Communicate up and down

Mainly use your voice.

Not your fingers.

"Once you make a decision, the universe conspires to make it happen."

- Ralph Waldo Emerson



Gardening is not just the cultivation of plants, it is the cultivation of people





