

Welcome!

- Equip and encourage you
- Resources and help available to you
- Gardening as a way to learn about and care for God's Creation





Activity





...you can dig for Him there.

George Bernard Shaw, Irish Playwright, critic and political activist

CHILD RELATIONAL FRA **Increase:** fruit/vegetable intake physical activity food systems literacy Increase: Improve: proxy efficacy self-esteem/pride volunteerism · community-child connection gardening access garden program support **GARDEN** COMMUNITY PARENT (Guardian) Increase: Increase: food security • fruit/vegetable access social interaction • fruit/vegetable • pride knowledge Improve: involvement/ interest community safety life satisfaction/ well-being property values RELATIONAL EFFECTS

National Gardening Association, 2012



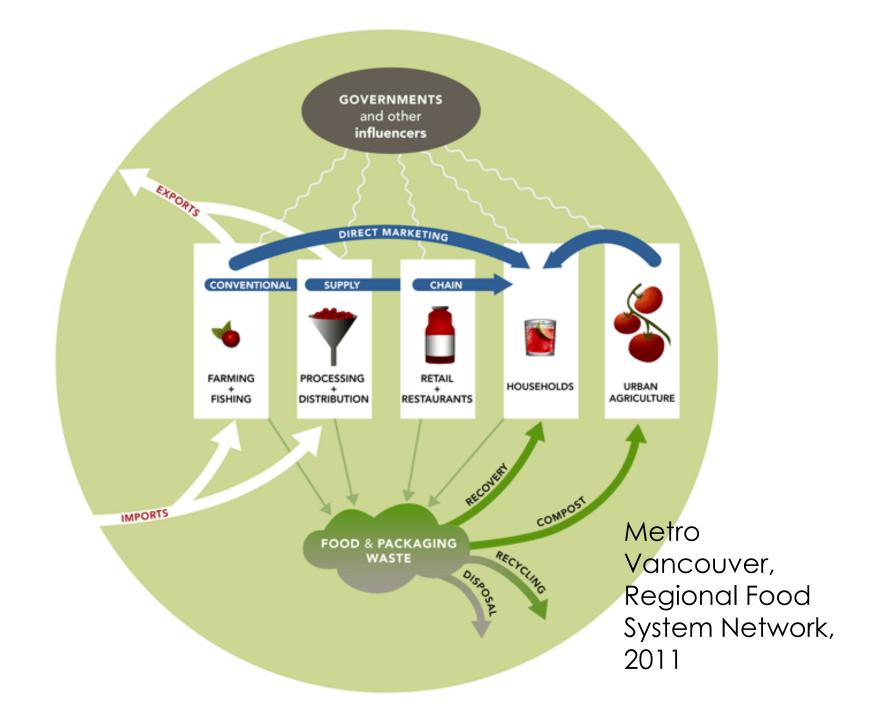


- Positive Response from participants, administrators and families
- Improvements in student's attitudes towards Environment, Nutrition and Community Spirit
- Content: Science, Health and Community Service

An Outsider's Perspective

- "...food is culture. When we eat, we ingest the physical world, accepting into our bodies the customs and values and politics of the system that got that food into our mouths."
- David Tracey, Urban Agriculture: ideas and designs for the new food revolution





A Sustainable Food System

- Food Security
 - Sustainability
 - Access to good food
 - Affordability
 - Living wages
 - Part of human health



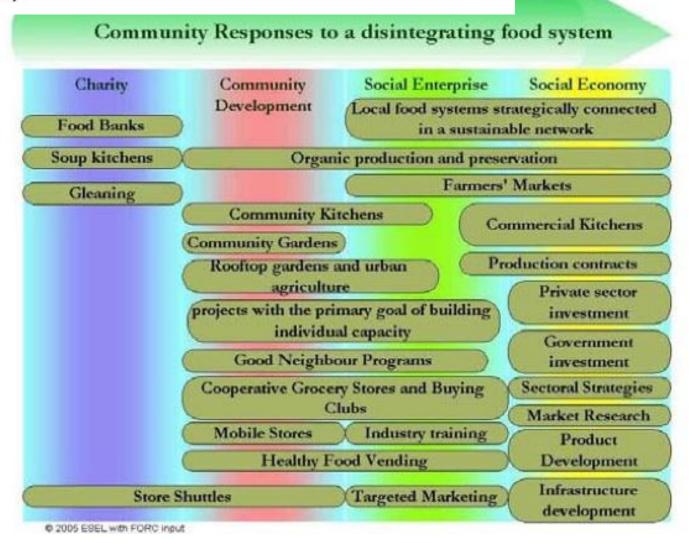
History of Urban Agriculture

- Origin of Cities 1800s
- Large North American Cities
- WWI domestic food supply, public schools, employment
- Depression Individual plots and employment
- WWII Victory Gardens
- 1970s rebirth of gardens



Food Security/Sustainability Continuum

There is no single set of practices that will ensure the food security of a community. Rather, food security exists when the food system in a community provides a continuum of resources ranging from short-term relief of acute food insecurity through building capacity to feed itself and leading to a redesign of the food system resulting in interdependence, resilience and sustainability.²





Gardening Basics...



Some things to think about.

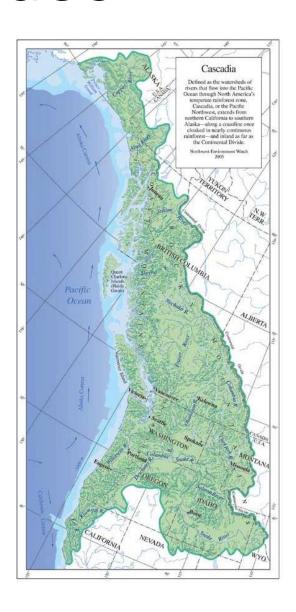
A man scatters seed on the ground. Night and day, whether he sleeps or gets up, the seed sprouts and grows, though he does not know how. All by itself the soil produces grain...



Mark 4:26-28

Know Your Place

- "If you don't know where you are, you don't know who you are." – Wendell Berry
- The wisdom that accompanies the ability to grow your own food is central to our humanity.
- Bioregionalism



Climate

High latitude

Wet winters –
 not too cold

- Dry summers
 - not too hot



Garden Site Selection

 Common sense knowledge for choosing the location of your garden.

- Sun
- Soil
- Water

Community



Labor

 Who is going to work the garden?

 It is a lot of work.

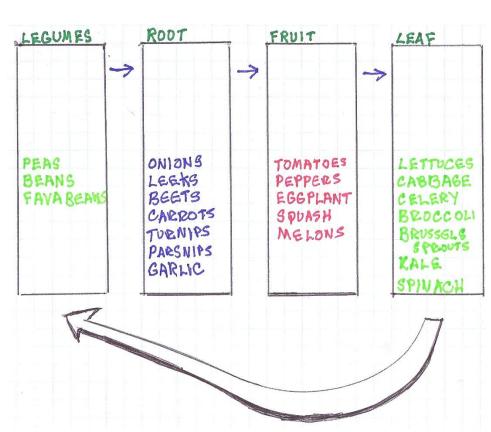
Well worth it.





Garden Plan

- Size
- Raised beds
- Seeds
- Varieties
- Think long-term (rotations)
- Where is the harvest going to go?
- Start small with space to expand.



5 Loaves Farm

	Telephone Peas Spinach / Flour Corn Brocolli Cauliflower Radishes / Watermelon	Pickling cukes Peppers Potatoes Slicing Cukes
Salad mixes	Zuchinni	Kale
	Cabbage	Peas
		Rainbow Chard
	Beets Carrots	Peas
	Zuchinni	2 nd year Kale /
	Parsley, Dill, Asparagus – other herbs (lavender, rosemary, thyme, oregano, sage)	Cantalope
	Flowers	Strawberries
	Celery Basil	Giant Pumpkin

- When kids are out of school – that is when you garden.
- Greenhousestartingseeds
- Fall harvest,
 Spring
 planting

Timing



Native Plants

- Another aspect of knowing your place.
- Ecological value and connection

 Subtle beauty and low maintenance

 Streams, wetlands, pollinator garden





Garden Beds 101



In Ground

- Minimal costs
- Weed management
- Soil Testing

Above Ground (Raised)

- Soil Drainage
- Easier to work
- Less weeds
- Retain warmth



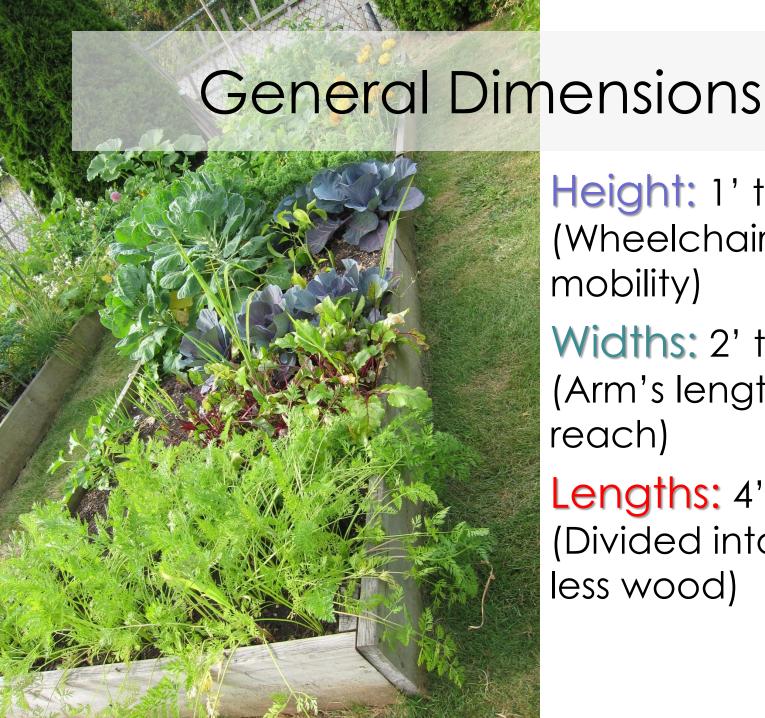


Advantages

- Esthetics
- PolyTunnel
- Accessibility (height)
- Drainage

Disadvantages

- Costs
- Permanency
- Placement
- Construction



Height: 1' to 3' (Wheelchair mobility)

Widths: 2' to 4' (Arm's length reach)

Lengths: 4' to 16' (Divided into plots less wood)

Materials

Wood options:

- -cedar is best (rot resistant)
- -pine, douglas fir, spruce (line with plastic)
- -Not recommended: Pressure
 Treated (chromated copper arsenate,
 copper quaternary compound, copper
 dimethyl- dithiocarbamate)

Stone or Brick:

- -more expensive if purchase
- -collect large stones
- -salvage

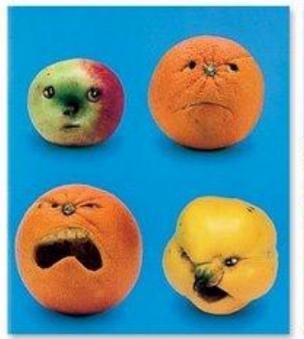


Fun Activities



Foods with Moods

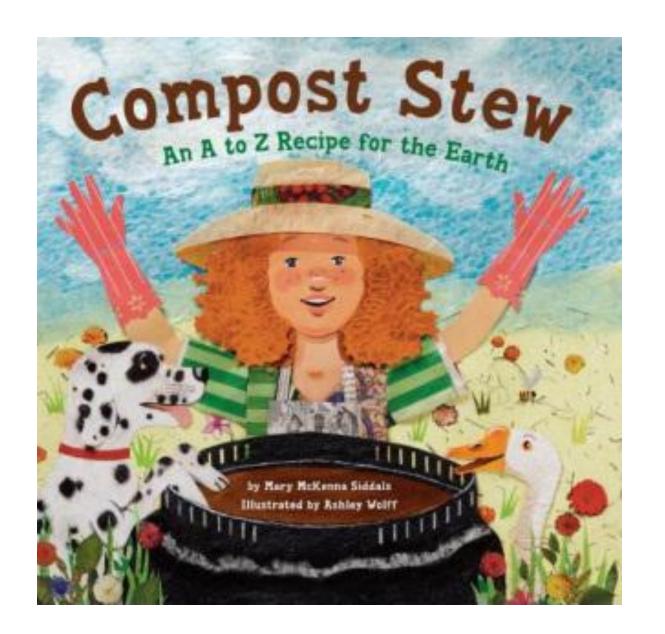
Freymann, S. & Elffers, J. (1999). How are you peeling: Foods with moods. NY: Scholastic Inc.





Seed Sprouting





High School Classrooms or Extracurricular Club

- Wood Working
 - Construct garden boxes
- Home Economics
 - Seasonal Cooking
 - Plant families and human nutrition
- Science
 - Ecosystems
- History
 - North American
 Urban Agriculture



