



Think Green Fair Presentation Schedule

10am-4pm Learn to Use a Bus Bike Rack!

Rochester City Lines

Visit the Rochester City Lines bus located in the parking lot to the east of Floral Hall throughout the day for a demonstration on how to safely secure a bike on the bus bike rack.

4-H Building (Room 1)

10:15-10:45am: Local Food- Why should we care?

Erin Meier, Director of The Experiment in Rural Cooperation

Come and find out why you shouldn't be afraid of the word *sustainability* and how you can do your part through the foods you buy and eat. We'll talk about how foods produced, processed and consumed in our region can improve our economic, landscape and personal health.

11:00-11:30 am: Greenhouse Gas Emissions and Solid Waste Management

John Helmers, Solid Waste Manager of Olmsted County Public Works

How Olmsted County's integrated solid waste management system affects the production of greenhouse gas emissions.

11:45-12:15 pm: The 5 Key Concepts of Green Building

Mike Paradise, Bigelow Homes, RAB Green Building Committee

Building green means incorporating environmental considerations and resource efficiency into every step of the home building and land development process to minimize environmental impact. This presentation will focus on the 5 key concepts of green building. Attend to have your questions answered!

12:30-1:00pm: 10 Ways to Save Energy... and Change Other Stuff, Too!

Terry Webster, Information officer for the Minnesota Office of Energy Security

This presentation provides a top ten list of reasonable and effective measures that people can take to reduce energy consumption (and associated CO2 contributions) within their homes and businesses. Based on the latest in building science, the presentation offers practical and unbiased information about energy conservation and efficiency, within the broader context of energy use and energy policy in Minnesota. It will include the latest information about available rebates, incentives, programs, and tax credits. Following the presentation, participants should be able to implement many of the suggestions and realize the pay-offs for wise energy investments.

1:15-1:45pm: Solar Thermal, Where to Start?

Brandon Schmidt: 25 years of experience in the alternative energy field with a strong emphasis on passive solar design and building, active solar thermal domestic hot water, active solar space heating and energy efficiency.

Basic solar domestic hot water and space heating operation and design. Are you interested in working with the sun's energy to live more comfortably, saving energy and money.

2:00-2:30pm: Passive Solar, Do's and Don'ts!

Brandon Schmidt

Passive Solar Fundamentals, heat and cool by design. Learn the basic principles of passive (no moving parts) design that you can apply to any building and common mistakes to avoid.

2:45-3:45: Just \$100 a year: The 99% Energy-Efficient Home

Christian Milaster, Founder and Owner of The Because Group, helping people to lower their utility bills without a sacrifice in comfort through efficiency, conservation, and renewable resources.

Christian will share the story behind the design and construction of his “off-the-grid, off-the-well, off-the-furnace” house in Lanesboro, Minnesota which successfully combines a contemporary design and 21st-century comfort with an environmentally-friendly and energy-sustainable life style. The house combines wind and solar energy, passive solar design, masonry stove, rainwater collection, insulated concrete forms, environmentally-friendly building materials, and energy-and water-efficient appliances (with a solar hot water system as well as a fossil-fuel-free radiant in-floor heating system coming online soon).

4:00-4:30: Forget Green: The financial case for local energy and efficiency

Michael Wojcik, Small Business Owner and expert in the areas of Energy Use & Finance. City Council representative for Ward 2 since 2008

4:45-5:15 pm: Mr. Environment: The Willard Munger Story

Mark Munger, Duluth Judge and Author

Mark Munger will speak about his latest book, a captivating and compelling look at Minnesota's most beloved citizen-legislator and environmentalist, State Rep. Willard Munger.

5:30-6:15 pm: Oxbow Park/Zollman Zoo Live Animal Program

Kevin Crilly, Oxbow Park Supervisor

The Oxbow Nature Center offers educational and recreational programs and activities for all ages. They will showcase a sampling of native Minnesota animal species housed at the Zollman Zoo, including mammals, birds of prey, and reptiles. Most of these animals are permanently injured or are surplus from other facilities, and therefore can never be released to the wild. These beautiful creatures provide countless opportunities for learning and personal enjoyment, and are utilized in Oxbow’s environmental education program.

4-H Building (Room 2)

10:30-11:00am: All About Raingardens

Jeff Feece, Sargents Gardens

What are raingardens? What do they do? Why do they benefit our community? This presentation is not a "how to session" but an overview of the concept of raingardens and why they can be a beautiful and functional addition to our landscapes.

11:15-11:45am: Natural Bath Bombs

Amy Brooks, owner of Bubbles by Brooks

What are they? Bath Bombs, or Bath Fizzies, are like giant alka-seltzers for your bath - they spin, whirl and swirl in your bath while releasing scent and skin-softening agents. They make bath time SUPER fun! We will learn to make bath bombs and other FUN bath time projects for kids AND grownups!

12:00-12:30 pm: Helping Your Garden Grow. Compost!

Ginny Black, Organics Recycling Specialist for the Minnesota Pollution Control Agency

An overview of backyard composting will be given and you will have a chance to ask questions of an expert.

12:45-1:15 pm: Tree Maintenance for Dummies

Jay Maier, Board Certified Master Arborist and owner of Maier Forest and Tree, LLC

In this session we will look at simple things that you as a homeowner can do to take care of your trees and have them provide the most benefit to you. We will look at how to best plant, water, mulch and prune trees. We will look at protecting your trees from deer and rabbits, preventing sun scald, improving the growth rate, and more. You will also be shown the proper tools you should own to do these things by yourself.

1:30-2:00 pm: How Sweet It Is

Sr. Marlys Jax

Honey is the oldest sweet. It was used to pay taxes, and the medium of Egyptian medicine. Bees are a hard working matriarchial society that will fly 55,000 miles to bring you just one pound of honey. Pollination is their all-consuming task and honey their all-giving contribution. Bees give their life for the sake of the community project! Ralph Kramden of the Honeymooners said it well "How Sweet it is"! But today they are threatened! Learn so much more!

2:15-2:45 pm: Helping Your Garden Grow. Compost!

Ginny Black, Organics Recycling Specialist for the Minnesota Pollution Control Agency

An overview of backyard composting will be given and you will have a chance to ask questions of an expert.

3:00-3:30pm: EduCarbon

Hannah Friedman, Minnesota Student Energy Project (MNSEP) Board

The Minnesota Student Energy Project (MNSEP) is a student-founded, student led, non-profit organization that aims to promote renewable energy to our upcoming generation of students. MNSEP partners with high schools around Minnesota to install solar panel systems on their buildings. The panels provide a visual reminder of the possibilities of renewable energy. MNSEP is also developing an educational curriculum to integrate into the partner schools. In addition, their website tracks and displays how much energy is being saved by a monitoring system placed on the panels. Through student fundraising and generous donations, MNSEP has been able to continue funding projects. Currently, MNSEP has systems on Mayo and Century High Schools, and upcoming systems on John Marshall and Lourdes High School.

3:30-4:00pm: Storm Water Management in your Backyard

Allison Plute, Storm Water Educator for the City of Rochester

Join City Storm Water Educator Allison Plute for this interactive, lively program and learn simple steps to prevent storm water pollution at your home or business. Discover the ingredients in a “Storm Water Mocktail” and leave with plenty of tips, ideas, and handouts to help to keep our water clean. Appropriate for adults and children over the age of 6.

4:00-4:30pm: Greening Your Lawn

Eric Counselman, Somerby Golf Course Superintendent

This lawn care class will be an opportunity for any homeowner to learn the Best Management Practices for their home lawn maintenance. Eric will cover some aspects of making your home lawn aesthetically, environmentally, and financially ideal. Topics included will be mowing practices, irrigation use, fertility practices, pest control, and aeration.

4:30-5:00: National Eagle Center

The National Eagle Center

The National Eagle Center in Wabasha, MN offers eagle, wildlife and conservation exhibits as well as several eagle observation decks providing visitors with the opportunity to view wild eagles in their Mississippi River habitat. The center will bring along one of their five resident eagles and they will give a presentation on their educational outreach programs and the work of the National Eagle Center.

Think Green Fair Presentation Schedule

Time	Room #	Workshop (Speaker)
10:15-10:45 am	4-H Building, Room 1	Local Food Basics(E. Meier)
10:30-11:00 am	4-H Building, Room 2	All About Rain gardens (J. Feece)
11:00-11:30 am	4-H Building, Room 1	Greenhouse Gas Emissions and Solid Waste Management (J. Helmers)
11:15-11:45 am	4-H Building Room 2	Eco-Friendly Body Care (A. Brooks)
11:45-12:15 pm	4-H Building Room 1	5 Key Concepts to Green Building (M. Paradise)
12:00-12:30 pm	4-H Building Room 2	Helping Your Garden Grow: Compost! (G. Black)
12:30-1:00 pm	4-H Building Room 1	10 Ways to Save on Energy...and change other stuff too! (T. Webster)
12:45-1:15 pm	4-H Building Room 2	Tree Maintenance for Dummies (J. Maier)
1:15-1:45 pm	4-H Building Room 1	Solar Thermal, Where to Start? (B. Schmidt)
1:30-2:00 pm	4-H Building Room 2	Bees and Pollinators (M. Jax)
2:00-2:30 pm	4-H Building Room 1	Passive Solar, Do's and Don'ts (B. Schmidt)
2:15-2:45 pm	4-H Bldg Room 2	Helping Your Garden Grow: Compost! (G. Black)
2:45-3:45 pm	4-H Building Room 1	Just \$100 a year: The 99% Energy-Efficient Home (C. Milaster)
3:00-3:30pm	4-H Building Room 2	Minnesota Student Energy Project (H. Friedman)
3:30-4:00pm	4-H Building Room 2	Storm water management in your backyard (A. Plute)
4:00-4:30 pm	4-H Building Room 1	Forget Green: The financial case for local energy and efficiency (M. Wojcik)
4:00-4:30 pm	4-H Building Room 2	All About Lawn Care (E. Counselman)
4:45-5:15 pm	4-H Building Room 1	<i>Mr. Environment: The Willard Munger Story</i> (M. Munger)
4:30-5:00 pm	4-H Building Room 2	National Eagle Center
5:30-6:00 pm	4-H Building Room 2	Oxbow Park Live Animal Program(K. Crilly)