



hamilton
permaculture
trust

January 2010

Mulching It Over

Newsletter of the Hamilton Permaculture Trust

ART OF THE GOOD LIFE EXPO

Hamilton Gardens

Saturday February 27th 2010

On February 27th. we are presenting the Good Life Expo in Hamilton Gardens which is free to the public with stalls providing environmental information & products. There are still sites for more stall holders. Contact Cheryl 834 2249.

Activities for families will be mixing Adobe clay & sculpturing pots and bricks, making biodegradable pots and planting seeds and unicycling. Productive animals, speakers and workshops with a theme on encouraging sustainable practices in families the program is as follows.

MAIN SPEAKERS:

Location: green egg lawn

10:30am. EW band EVERY OTHER TUESDAY

11.30 am. PERMACULTURE / healthy land, healthy principles

Tanya Cumberland and Charmaine Pountney from Earthtalk@Awhitu have spent seventeen years redesigning their land using permaculture principles, from a bare grazing block to a sub-tropical organic paradise. They have also applied similar principles working with local community groups

1pm. FABULOUS FOOD PRODUCTION WITH A FAMILY

Xanthe White is a landscape designer and author of an Organic Gardening book. She has established her own sustainable backyard along with a young family. Xanthe will talk about including children in gardening

2:30pm. EW band

3pm. HEALTHY HOMES - How to Keep Your Family Healthy Safe and Happy.

Ian Mayes, Eco Design Advisor, will speak on how to improve your "Internal Environment Quality" looking at warmth, ventilation, dust mites, and indoor pollutants.

SUSTAINABLE BACKYARD

10:30am YOGA

11 FOWL FUN - keeping hens in the city

12 EM & BOKASHI

1pm. A HIVE OF ACTIVITY - bee keeping

2 WONDERFUL WORLD OF WORMS- composting & wormfarming

HERB GARDEN

10:30am HEALTHY HERBS FOR CHILDREN- Take a tour in the herb garden with added information

TE PARAPARA

11:30 A guided tour on traditional Maori food with Wiremu Puke

KITCHEN GARDEN

10:30am. and 1pm QUICK GUIDE TO GROWING VEGES WITH YOUR CHILDREN
A guide to working with your children to establish & work a vege garden. This will cover sowing seeds, transplanting & general maintenance of a vege plot plus A KITCHEN GARDEN TOUR
Beatrix will give a you a guided tour of the kitchen garden

Changing the world from the soil up

Modular Permaculture Design Certificate

This permaculture design certificate will be run over 12 weekends throughout 2010, including presentation. They will be held at a variety of sites suitable for each module. It has shown from past modules held in other parts of the country that participants get a lot more value from visiting sites. To provide a hands-on project will help to build people's practical skills, enhance learning & have fun. Tutors will keep topic information related to our own bio region making it more relevant but still taking in the over all global picture. The modules held in Hamilton will have a main place of contact which will be Waimarie Community House in Hamilton East. To book contact Hamilton Permaculture Trust 839 2249.

Each session will give an overview of permaculture ethics & principles before starting the module. Participants can either choose to complete the certificate or choose certain modules of interest without receiving the certificate.

Module fee: sliding scale

\$60 / module for beneficiaries, & those completing the certificate.

\$120 / module for full employment.

The certificate can be completed over a 2 year period but the first 2 modules must be done first.

Please be aware that the fees will probably increase next year.

Feb. 20 & 21

1. Philosophy and Design Hamilton

This 2 day course will introduce the ethics & principles of permaculture, and explores permaculture design processes. Explore strategies for re-designing your property and lifestyle.

Explore realistic priorities for reducing your ecological footprint and designing abundance into your life. Expert design advice is provided to assist you to develop a concept plan for your site, or help you apply your learning to someone else's site.

March 6

2. Landscape and Site Assessment -Raglan

Observation and interactions with nature and the landscape.

Techniques for observation; measuring and recording landforms; sectors and aspect; gathering information of natural conditions and cultural features and requirements. Including wild water harvesting; water sheds; water catchments & dams

March 27

3. Soils and Gardening Hamilton

Nature of soils and soil structure; soil testing (visual assessment and plant indications); soil/plant/animal relationships; composting; revitalisation aids (seaweed, rockdusts, EM, biodynamics, etc.) Gardening layout & design(sun,

shelter, access, companion planting, rotation, green manures); garden preparation (digging or no-dig, mulching); garden types and relationships; plant health & diseases/pests/predators; weed management; seed saving; aquaculture. Water harvesting & irrigation

April 24

4. Orchards and Small Animals Raglan

Selecting trees/vines/berries/crops etc. for climate and site; layout for needs, guilds, diversity and in relation to facilities; planting and propagation; management for productivity and plant health, and integration with small animals (bees, poultry, pigs); ecology of plants and animals; management and care of small animals. Dams, swales & irrigation.

May 8

5. Large Animals and Forestry Te Pahu

Animal grazing and soil fertility, grazing management and animal care (water, stock movement, shelter, shade & health); structures (fencing, yards etc.); forest diversity and habitats, forest effects & services; forest regeneration; forest layout and uses, firewood coppicing; plantation management (pruning, thinning etc.); species for firewood, timber, amenity, habitat etc. Dams & swales

May 28

6. Energy and Technology Ruapuke

Nature and types of energy; energy analysis (efficiency, life-cycle energy). Examples of appropriate technologies (high tech & low tech solutions); the 4Rs – reduce, reuse, recycle & repair. Transport & energy alternatives. Energy storage; site specific and community based systems.

June 19

7. Built Environments Raglan

Principles of building biology and ecology; orientation and layout for site and surroundings; building design (warmth & ambience, insulation, passive & active systems, storage & heat pumps, sound, light & electro-magnetism); building materials and construction (local earth, straw, timber, embodied energy, toxicity, finishing's); reuse & recycling; compost toilets; grey water systems, water harvesting & storage etc.

July 24

8. Climate and Atmosphere Hamilton

Climate regions of the world; global weather patterns; climate change. Atmosphere conditions, types of climates, weather; micro climates – shelter, shade, suntraps, harnessing the wind: urban weather patterns (acid rain, urban heat sink, wind patterns & tall buildings). Air quality, pollution & re-vitalisation.

PDC modules contd

August 21

9. Community Resilience in Hazards and Catastrophes Hamilton

Natural disasters (physical-droughts, floods, erosion slips, tsunamis, volcanoes, fires, biological - epidemics, pest infestation, social - crime, war & revolution, economic - job loss & financial collapse). Recognising risk and hazard; coping with dramatic and immediate change. Emergency response (practical tools) - first aid & basic sanitation, potable water, shelter, food storage and natural food sources, natural medicines and cleaning agents.

September 18

10. Culture, Social Structure and Community Design Hamilton

Cultural values; assumptions and perceptions; active citizenship; personal, social and economic transformation, legal structures and ownership; money banking and financial systems; cooperative enterprises and alternative economics; governance; decision making and conflict resolution; communication networks and social organisation.

October 16

11. Urban design and Living

Hamilton Healthy and sustainable living in cities; community culture; education and values. Suburban retrofit and reducing your ecological footprint; apartment living; engaging in local communities and councils; subdivision and development; layout and integration of urban systems; (public spaces, transport & circulation, housing, energy supplies & distribution, urban waste cycles, urban food production, storm water, waste water & potable water management.

November 13

Design Project and Presentations Hamilton

The design project can be completed individually or in groups. It should be completed in a minimum of 20 hours per person per project.

Tutors will be available for feedback throughout the process.

Projects can be on subject matter the student is interested in, so long it demonstrates the application of sustainable design principles introduced in the first module. This may take the form of a landscape design for an individual dwelling, a retrofit of a house, work with a community group, setting up a local alternative economic model, etc.

It is intended that projects be undertaken in parallel to the course so that designs are built on by progressive learning throughout the course.

Students will be required to do a 10 minute presentation of their project to the tutors and colleagues.

Presentations should demonstrate how the design was conceived (design process, the project (final design) and a brief outline on implementation and/ or management.

Adobe Earth Oven workshops



March 20th and 21st.

10am to 5.30pm

Cost \$20 per day

This workshop will

demonstrate this ancient and simple technology enabling participants to build an earth oven in their own garden.

Phone Cheryl 8342249

Organic Gardening course

Wednesday mornings 10 - 12

Beginning March 10th to March 31st.

Popular course held at Waimarie Community House with Community garden on site for viewing examples.

Learn the basics of planning your garden site to maintaining a well balanced organic vegetable garden. Some topics covered:

- Composting and worm farming
- Natural pest and disease control
- Companion and rotational planting
- No-dig gardening and mulching
- Seed saving
- Lunar planting

Contact Cheryl 834 2249

Hamilton Organic Gardeners group

Meeting every 3rd Monday of the month at Te Whare O Te Ata, Sare Cres, Fairfield.

Enquiries phone Alice Bulmer 8566271

Next meeting on water conservation in your garden