Permaculture Design Principles

Bill Mollison
Design for CSC Stelle, IL

**Overstory Semi-dwarf Fruit Trees - Black Locust (N)**
- Hazelnut – Service Berry – Dwarf Fruit Trees
  - Elderberry – Siberian pea shrub (N)

**Midstory**
- Gooseberry – Currents – Asparagus – Rhubarb - Herbs - False Indigo (N)

**Understory**
- Strawberry – Nasturtium - Clovers (N)

**Ground Cover**
- Grapes – Winter Hardy Kiwi – Hops

**Vines**
- Daylilies - Comfrey

**Hugelkultured Swale & Linear Food Forest**
Perennial trees and plants located along the entire downhill side of the hugelkulturated swales
Based on an Illustration from *Introduction to Permaculture* by Bill Mollison
Modified by Bill Wilson of Midwest Permaculture
The permaculture journey begins with the Ethics and Design Principles and moves through the key domains required to create a sustainable culture. The spiral evolutionary path joins together these domains, initially at a personal and local level, and then proceeding to the collective and global level.

Some of the specific fields, design systems and solutions that have been associated with the wider view of permaculture are listed below.

**Land & Nature Stewardship**
- Bio-intensive gardening
- Forest gardening
- Seed saving
- Organic agriculture
- Biodynamics
- Natural Farming
- Keyline water harvesting

**Building**
- Passive solar design
- Natural construction materials
- Water harvesting & Waste Reuse
- Biotecture

**Tools & Technology**
- Reuse & creative recycling
- Hand Tools
- Bicycles and electric bikes
- Efficient & low pollution wood stoves
- Fuels from organic wastes
- Wood Gasification

**Education & Culture**
- Home Schooling
- Waldorf education
- Participatory arts and music

**Health & Spiritual Well-Being**
- Home birth & Breast feeding
- Complementary & Wholistic Medicine
- Yoga, Tai Chi & other body/mind/spirit disciplines

**Finances & Economics**
- Local and regional currencies
- Carpooling, Ride sharing & Car share
- Ethical Investment & Fair Trade
- Farmers markets & Community Supported Agriculture (CSA)

**Land Tenure & Community Governance**
- Cooperatives & Body Corporates
- Cohousing & Ecovillages
- Native Title and traditional use rights

**Ethics and Design Principles**

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The ‘permaculture flower’ has been adapted from David Holmgren’s book ‘Permaculture: Principles & Pathways Beyond Sustainability’. Permaculture Flower Poster 1.0
Book list compiled by YummyYards with contributions from Wild Abundance.

For more information, please visit YummyYards.com or contact us here:
Laura@YummyYards.com
828-785-8524

**Permaculture**
- *Bill Mollison's Permaculture: A Designer's Manual* by Bill Mollison
- *Permaculture Handbook* by Peter Bane
- *Gaia's Garden* by Toby Hemenway
- *Sepp Holzer's Permaculture: A Practical Guide to Small-Scale, Integrative Farming and Gardening* by Sepp Holzer
- *The Resilient Farm and Homestead: An Innovative Permaculture and Whole Systems Design Approach* by Ben Falk
- *One Straw Revolution* by Masanobu Fukuoka
- *A Pattern Language* by Christopher Alexander
- *Restoration Agriculture* by Mark Shepard

**Social Permaculture, Social Justice**
- *Change Here Now* by Adam Brock
- *Farming While Black* by Leah Penniman
- *White Fragility* by Robin DiAngelo
- *1491* by Charles Mann
- *The Fifth Sacred Thing* by Starhawk

**Raising Animals**
- *Small-Scale Livestock Farming: A Grass-Based Approach for Health, Sustainability, and Profit* by Carol Ekarius
- *Storey's Guide to Raising Chickens* by Gail Damerow (really any of the Storey’s Guide to Raising...fill in the animal)
- *Chicken Tractors* by Andy Lee

**Building (courtesy of Wild Abundance)**
- *Building Green* by Clarke Snell and Tim Callahan
- *Alternative House Building* by Mike McClintock
Gardening:
Four-Season Harvest by Eliot Coleman
Growing More Vegetables Than You Could Ever Imagine in Less Space Than You Thought Possible by John Jeavons
The Resilient Gardener by Carol Deppe
Seed to Seed by Suzanne Ashworth
The Holistic Orchard by Michael Phillips
Teaming with Microbes by Jeff Lowenfels & Wayne Lewis

Tools and Such (courtesy of Wild Abundance)
Seasons of America’s Past by Eric Sloane
Knife Maintenance and Sharpening by Chad Ward
The Ax Book: The Lore and Science of the Woodcutter by Dudley Cook
Encyclopedia of Country Living by Carla Emery
The Forager’s Harvest by Samuel Thayer

Children’s Resources
Last Child in the Woods by Richard Louv
A Kids Herb Book by Lesley Tierra
Roots Shoots Buckets & Boots by Sharon Lovejoy
Project Wild k-12 Curriculum & Activity Guide by Project Wild
Keepers of Life by Michael Caduto & Joseph Bruchac
Project Based Learning (PBL)- various articles/videos by various authors

Primitive Skills (Courtesy of Wild Abundance)
Primitive Living, Self Sufficiency, and Survival Skills by Thomas J. Elpel
Wildwood Wisdom by Ellsworth Jaeger
Buckskin: The Ancient Art of Braintanning by Steven Edholm and Tamara Wilder