Year 7 - 2015: Emphasis: Optimize current systems in zones 1 & 2, focus on efficient water capture & use. Alternative Energies: Explore solar & wind options. Build a cob/rocket stove. Build a greenhouse for propagation & season extension.				
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Operations & Infrastructure	Plants & Gardens Focus on Zones 1&2; build soil health, optimize guilds, improve watering systems, water conservation, & re-use. Do more of what has	Amenities & Fun Stuff	Education & Outreach	Income Streams
#1 priority: Improve watering system! Add driplines using materials at hand. (\$100) Incorporate earth-moving technologies on a	worked: mulching, more spiral gardens, more 3- D/vertical gardens; condense plantings to block out weeds. Incorporate ways of making small systems			
small scale to capture/conserve water (swales, pits, berms, raised beds, hugel beds). Make sure that every drain from the house and barn	more efficient. Example: Raised bed circular plantings around central hole for fertilizer & water.  Make more compost.			
roofs goes into some sort of catchment system, either cystern, pond, or rain garden. Extra rainbarrels: \$150	Incorporate examples of using the environment to create microclimates. Ex: Use "water walls" of milk jugs as heat sinks around sensitive plants; use rock			
Build a better greenhouse for propagating plants & extending growing seasons (possible	piles to hold heat; earth mounds to keep plants cool and hold moisture. Create climates through succession, e.g., trees & shrubs grow & increase			Identify best products for cottage industry and place
income stream) using standard lumber and recycled corrugated plastic from the barn (\$750). Route rainwater runoff to small pond.	No bare ground! More cover crops - e.g., clovers, pea, vetch, rye; grow high-quality mulch and green	Do more with willows: sculptures, small		more emphasis on obtaining a yield (e.g., seeds, willows, propagated permaculture
Heat greenhouse with pipe from compost pile during cooler months. Design to be able to accommodate future aquaculture system. Also	manures for building soil (scythe to harvest). Minimize additional purchases of seeds and plants. Use saved seeds, cuttings, or trade & barter. Plant	garden structures, trellises, etc. Add more upcycled art. Do more with herbs.		plants, unusual seedlings, garden crafts, medicinal herbs, dye plants) that can later be
build coldframes using upcycled windows/glass doors & barn remodel materials (\$100). Build an outdoor cob rocket heater/stove in	more medicinal herbs (income stream & for bees). Create habitat and/or housing for wild animals: birds, frogs, toads, snakes, pollinators, bats, owls - stakes in ground for perches, housing, insect	Explore means of creating more community/family areas, e.g., outdoor kitchen (rocket stove that can burn paper trash? Rocket heater stove using	Expand on database of plants, their requirements, uses, bloom times, and niches (also a wishlist). Possible e-	used in business (follow-up to mindmap ideas). Participate in Soroptimist Garden Show; update profile in
area for future gatherings  Energy capture: Investigate feasibility of solar	"hotels," rock piles, ponds, native plants along borders, etc. Domestic animals not an option at this time.	cob?), gazebo or other gathering area,	books on eco-gardens that support pollinators. Get back into blogging & developing an information-rich website.	farm directory. Identify potential grant
	Mushroom growing: inoculate alder and grow in woodland area	culinary herbs near outdoor kitchen/gathering area.	Soroptimist event: provide info on pollinators, plants, permaculture	farm operations (hoop house, bee habitat, education center)
Year 8 - 2016: Emphasis: Sustainability. Energy Capture: Solar systems. Recycle household greywater. Incorporate aquaponics system into greenhouse. Fine-tune the gardens & guilds.				
Operations & Infrastructure	Plants & Gardens	Amenities & Fun Stuff	Education & Outreach	Marketing Expenses / Income Streams
Investments: Go Solar? Check feasibility & pros/cons of installing solar panels for grid-tied electricity; build prototype solar hot water system that can be used for house / hot tub				
Water re-use: Dig small pond west of house (near quince); route household greywater through filter beds to pond area (possible future area for ducks).				
Construction: Add aquaponics system to greenhouse to grow fish, fertilize plants, moderate temps. Add small aquaponics system to goldfish pond.	Seeds and plants, emphasis on bee plants, medicinal herbs, groundcovers, perennials, mushrooms. Look at ways to optimize stacking functions.			
Do a functional analysis of key components of the system. Ensure each element performs many functions and each function is supported	Plant legumes & grains in field to provide higher quality mulch and easier scythe harvest - and also potential bird feed.	More yard art, decorative pathways, fix	Develop instructional materials illustrating the gardens and how things work. Continue with website on	Permaculture plants &
by many other elements. Build on Relative Location for greatest efficiencies. Look at different ways that patterns might enhance productivity.	Plant water-filtering plants along greywater re-route line and water-loving windbreaks at edges of greywater pond. (future area for ducks)	up family / educational group gathering areas near house and in outer field. Continue with cob & rocket stove projects.	progress of gardens, tips & ideas in backyard diversity, permaculture, and sustainable practices within the average person's ability.	beeplants from cuttings & seed; mushrooms for restaurant & local markets. Garden crafts; willow sculptures. E-books.
	for energy capture & efficiency: solar sunro	om. Workshops on polyculture pla	* .	ied backyard systems.
Operations & Infrastructure	Plants & Gardens	Amenities & Fun Stuff	Education & Outreach	Marketing Expenses / Income Streams
	Continue to fine-tune guilds and maximize productivity within gardens, especially zones 1-3. Propagate cuttings for additional plants and income. Scythe harvest mulch and continue to build soil. Garden should be approaching self-sustaining. Add plants for pollinators and continue to transform			
Investment: Attach solar room on west-side deck to have salad & herb garden and heat source to the house (12'x12'). Attach extension to sunroom to enclose hot tub	Grow more seed for birds; refine gardens to provide bee plants for the majority of the year.  Grow more perennial vegetables.  Look at more ways to capture water through ponds,		Create directory of garden "rooms" that can be used in tours. Conduct tours and workshops on beekeeping, backyard diversity, polyculture/guild	
(which will capture heat & reduce heating costs) (7'x10').	swales, berms, pits; optimize guilds as they progress (succession systems); refine garden areas	Create secret garden spots and places for art and whimsy.	ideas, and ways of working toward self sufficiency while minimizing our ecological footprints.	E-books; workshops; garden products: willows, mushrooms, plants; crafts, etc.