

PERMACULTURE STUDENT MASTERY CHECKLIST



BY MATT POWERS - THEPERMACULTURESTUDENT.COM

✓	# of Years/Seasons/Times	Types	Skills/Activities/Experiences
			Soil
			Thermophilic Compost Creation & Application
			Compost Tea Brewing & Application
			Compost Extract Creation & Application
			Vermicompost Creation & Maintenance (in-ground)
			Vermicompost Creation & Maintenance (in-container)
			Static Compost (in-ground)
			Compost Sifting
			Bokashi
			Sheet Mulching
			Biochar Creation & Application
			Biochar Application
			Jar Soil Test
			Pitfall Trap
			Burlese Funnel
			Composting Paper & Cardboard with Fungi &/or Worms
			Broadforking
			Soil Lab Tests
			Soil Science Training
			Compost/Soil Building Training
			Home Analysis of Soil with a Microscope
			Consulting as a Soil Expert/Analysis Work
			Gardening
			Growing Plants from Seed (In the Soil)
			Growing Plants from Seed (In Pots)
			Rooting Cuttings
			Stratifying/Vernalizing Seeds
			Scarifying Seeds
			Chop & Drop
			Cover Cropping
			Making & Using Seed Balls
			Throw Sowing
			Direct Seeding
			Transplanting
			Vertical Farming (on land)
			Container Gardening
			Rooftop Gardening (Balcony)
			Plant Guilds
			Using a Greenhouse
			Using ShadeCloth
			Sycthing
			Legume Seed Inoculation with N-Fixing Microbes

~	# of Years/Seasons/Times	Types	Skills/Activities/Experiences
			Mycorrhizal Inoculation of transplants or seeds
			Crop Rotations
			BRIX meter
			Bug Hotel
			Plant Breeding - Hand pollinating
			Dry farming - gardening with only rain
			Market Gardening
			Homestead Gardening (Growing 30% or more of your Diet)
			Farming
			Silvopasture - Practice
			AlleyCropping - Practice
			NPA: Nitrogen Fixer-Apple-Pear Orchard Design - Practice
			BioIntensive Farming - Training
			BioIntensive Farming - Practice
			Biological Farming - Training
			Biological Farming - Practice
			Carbon Farming - Training
			Carbon Farming - Practice
			Natural Farming - Training
			Natural Farming - Practice
			Korean Natural Farming - Training
			Korean Natural Farming - Practice
			JADAM Farming - Training
			JADAM Farming - Practice
			Bokashi Farming - Training
			Bokashi Farming - Practice
			Other IMO Farming - Training
			Other IMO Farming - Practice
			Perennial Farming - Training
			Perennial Farming - Practice
			Pasture Cropping - Training
			Pasture Cropping - Practice
			Seed Saving
			Saving Wet Seed
			Saving Dry Seed
			Having a Seed Bank
			Sharing Seeds
			Selling Seeds
			Plant Breeding - Creating & Saving Unique Seed
			Fungi
			Outdoor Mushroom Cultivation
			Indoor Mushroom Cultivation
			Substrate Inoculation
			Airport Lid Liquid Jar Culture
			Spore Print

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			Foraging for Mushrooms
			Mycoremediation
			Fermentation
			Mushroom or Mycelium Processing for Medicine or Food
			Animals
			Ducks
			Rabbits
			Goats
			Chickens
			Pigs
			Sheep
			Horse
			Dairy Cows
			Beef Cattle
			Other Animals
			Daily Milking
			Shearing
			Birthing/Hatching
			BottleFeeding
			Animal Harvesting
			Hide Tanning
			Bone Char Creation
			BoneSauce Creation & Usage
			Rotational Grazing
			Holistic Management Grazing
			Holistic Management Training in Grazing
			Chicken Tractor Creation
			Chicken Tractor Usage
			Homegrown Feed
			Earthworks
			Built an A-frame
			A-Frame Usage
			Usage of Levels
			Topographic Mapping
			Designed an Earthworks Water Harvesting System
			Installed an Earthworks Water Harvesting System
			Built a Swale
			Built a Hugelkultur
			Dam or Pond Design
			Dam or Pond Installation
			Keyway (Aquifuge) Installation
			Spillway Installation
			Spillway Pipe Installation
			Leaky Dam Sealing
			Walipini Design (earth-sheltered greenhouse)

Installed a Walipini (earth-sheltered greenhouse) Subsoil Ripping/Keyline Ripping Designed Crater Garden Installed Crater Garden Designed Terraces Installed Terraces Designed an Earthbag Structure Built an Earthbag Structure Built a Cob structure Installed a Net & Pan System Heavy Equipment Operation Heavy Equipment Maintenance Landscaping Training Earthworks Training Heavy Equipment training	
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Landscaping Training Earthworks Training	
Earthworks Training	
Heavy Equipment training	
Aquaculture	
Aquatic Plants	
Aquatic Animals	
Fish	
Aquaponics	
Installed plants & stocked fish for a new pond	
Designed & Installed Pipe Releases	
Installed an Island or Floating Garden	
Designed a Chinampa System	
Installed a Chinampa System	
Designed a Natural Swimming Pool	
Installed a Natural Swimming Pool	
Riparian Restoration	
River/Stream/Creek Restoration	
Vertical/3D Ocean Farming	
Artificial Reefs	
Coastal Restoration (ReWilding)	
Pond or Lake Restoration	
Alternative Energy	
Using Alternative Energy: Sun, Wind, Hydro, GeoThermal, e	tc.
Installing Alternative Energy Systems	
Maintaining Alternative Energy Systems	
Designing Alternative Energy Systems	
Building Alternative Energy Systems	
Backup Energy System (Generator or Battery)	
Passive Heating Installation	
Passive Heating Design	
Passive Cooling Installation	
Passive Cooling Design	
Solar Ovens	

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			Water Wheels
			Wheel Pump/Hydraulic Ram Pump
			Gasification (Biodigester)
			BioFuel
			Human-Powered Machines Usage
			Human-Powered Machines Construction & Design
			Pedal-Powered Vehicles
			Rocket Mass Heater Design
			Rocket Mass Heater Installation
			Jean Pain Woody Compost Water Heater
			Jean Pain Woody Compost Water Heater & Methane Generator
			Fiber
			Growing Fiber Crops
			Raising Fiber Animals
			Harvesting Fiber Crops
			Harvesting Fiber from Animal Sources
			Cleaning & Processing Fiber
			Spinning Fiber
			Weaving with Homegrown Fibers
			Making Clothing & Other Items using Homegrown Fiber
			Water Harvesting
			Rainwater Tank Design
			Rainwater Tank Installation
			First Flush Diverter Installation
			Graywater
			Designed Graywater System
			Installled Graywater System
			Reed Bed Filtration System
			Aeration Systems
			Water Testing
			Blackwater
			Humanure Composting
			Compost Testing
			Humanure Usage
			Design
			Holistic Management Training
			REX Training
			Advanced Permaculture Training
			Permaculture Teacher Training
			Holistic Goal Setting
			Using Holistic Management to Design
			Using Holistic Management to Manage
			Using Yeomans Scale of Permanence to Design

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			Using the Regrarians Platform to Design
			Zone Planning Map Creation
			Zone Planning Implementation
			Mapping the Sunpath
			Mapping the Soundscape
			Designed & Implemented Home Design
			Maintained & Adapted Home Design
			Designed Sites Other than Home Site
			Designed for Hire for a Company or Government
			Designed for Restoration Natural Landscapes (at Home)
			Designed for Restoration Natural Landscapes (Other than Home)
			Designed & Installed a Keyline Framework for a Farm or Site
			Designed a Keyline Framework for a Farm or Site
			Consulting
			Hired to design a site (or sites)
			Hired to install a site (or sites)
			Hired to maintain a site (or sites)
			Silviculture
			Tree Grafting
			Tree Pruning
			Espalier Tree Training
			Tying Branches/Training Trees
			Tree Planting
			Designed a Permaculture Orchard or Food Forest
			Designed & Installed a Permaculture Orchard or Food Forest
			Forest Thinning
			Drying of Wood (fire)
			Drying of Wood (building)
			Cutting of Wood (fire)
			Cutting of Wood (building)
			Social
			Holacracy Implementation
			Holacracy Participation
			Sociocracy Implementation
			Sociocracy Participation
			Land Trust Implementation
			Land Trust Participation
			Intentional Community Implementation
			Intentional Community Participation
			NonViolent Communication (NVC) Training
			NVC Implementation
			Restorative Circles Implementation
			Restorative Circles Participation
			Alternative Currency Implementation
			Alternative Currency Participation

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			Cooperatives/Co-Op/Buying Club Implementation
			Cooperatives/Co-Op/Buying Club Participation
			CSA Implementation
			CSA Management
			CSA Participation
			NonProfit Organization Creation
			NonProfit Organization Management
			Crowdfund Campaigning
			Micro-Loans, Micro-Insurance, & Micro-Franchise Creation/Management
			Regenerative Business Creation
			Regenerative Business Management
			Business Guilds/Partnerships
			Local Permaculture Meetings - Management
			Local Permaculture Meetings - Participation
			Town Hall Meetings - Participation
			Education
			College
			Masters/PhD
			PDC
			Internships
			Apprenticeships
			Other Education
			Other Experience or Training
			(fill in the blank)

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