LIFE ETHIC

Care for the land
Care for all the people of the land
Promote biological diversity
Observe and cooperate with the wildness
Conserve resources, both renewable and non-renewable
Share the Surplus
Promote carrying capacity limits to the population and to consumption
Promote harmony, cooperation and beauty

Source: Tom Ward www.siskiyoupermaculture.com
Envoy: Delvin Jolkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
The Earth's Community of plants, animals, mushrooms, insects and all kingdoms of life is a vast guild of organisms that are all symbiotically interconnected. We place strain on the Earth as we rely on the world for air, water, food and the resources needed for our technology. Care in the natural environment is necessary to support the health of every living organism.

How can you care for the planet?

Source : Bill Mollison www.tagari.com
Envoy : Delvin Solkinson www.visionarypermaculture.com
Art : Brenna Quinlan www.brennaquinlan.com
Design : Alexa Spaddy www.alexaspaddy.com
Everyone has the inherent right to live a healthy life with fundamental freedoms. Together we can redesign our world to address pressing planetary concerns around hunger, homelessness, disease, oppression and access to education.

How can you take a stand to support universal access to food, water, shelter and health care?
ETHICS
Future generations of people, animals and plants have a fundamental right to live in a world with healthy soil, air and water. A core aspect of the permaculture ethos is sharing fairly, limiting consumption and population, as well as reinvesting surplus in Earth care and People care.

What can you do to help care for the future?
VALUE PEOPLE

People are at the heart of permaculture. It's important to value the labour of people, providing fair wages, benefits and health care to all who work for you.

Is there a way you can provide ethical work for people in your community who need employment?

Source: Bill Mollison www.tagari.com
Envoy: Delvin Sotkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennquinaln.com
Design: Alexa Spaddy www.alexaspaddy.com
There are a limited amount of resources available on the planet for every species to share. Many resources must be left alone so they can fulfill their ecological functions.

Can you support and provide goods and services that share profits with every living species?

Source: Bill Mollison www.tagari.com
Envoy: Delvin Jolkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexa-spaddy.com
A core mission of permaculture is to generate an abundant surplus to share with the human and ecological community. Look to how you can produce, harvest and share more of the products from your system.

How can you design your system to produce more abundantly?

Source: Bill Mollison www.tagari.com
Envoy: Delvin Jolkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
Set limits to consumption and population. The carrying capacity of the planet’s resource base is finite, but can be regenerative when consumed at a lower rate than it replenishes itself. Design a long-term strategy for resilience by setting reasonable boundaries on large-scale resource extraction and to focus on curbing population explosions. How can you educate yourself about the challenges of consumption and population in the modern world?
Permaculture design springs from a life ethic, which acknowledges that everything has an inherent right to co-exist peacefully in our world.

Can you become a more conscious consumer of vegetables and meats that were harvested in an intentional and respectful way?
It's acceptable to use unsustainable means if we are clearly moving towards creating a more sustainable future. Compassionately release all ethical judgment of yourself and others. Encourage, inspire and uplift others to change.

How can you transition into a more ethical lifestyle?
SHARE SURPLUS TO NEED

Unused resources become pollutants. Sharing surplus energy and materials with each other and the planet cares for every living species.

What can you generate in abundance and share with others who have less than you do?

Source: Rosemary Morrow
www.bluemountainspermacultureinstitute.com.au

Envoy: Delvin Solkinson www.visionarypermaculture.com

Art: Brenna Quinlan www.brennaquinlan.com

Design: Alexa Spaddy www.alexaspaddy.com
ETHICS
Generating income from activities that care for the earth, its people and to consider future generations is an epic realization.

Can you find ways to generate more income from work you are passionate about that contributes positively to the society and world?
Taking responsibility for our children and ourselves is a keynote in living an ethical life.

How can you take more initiative for having a positive impact on everything around you?
VOLUNTARY SIMPLICITY

Simple living can have huge benefits in bringing meaning, health, love and friendships to the forefront of life. Living in harmony with nature and being deeply in service is a profound dedication to the permaculture path.

What aspect of your life can you simplify to give you more time for health, family and creativity?

Source: Rosemary Morrow
www.bluemountainspermacultureinstitute.com.au
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
REDUNDANCY

The goal of permaculture is to make yourself redundant. It means to share everything and help mentor others to share in the work with you, so to continue it after you are gone. A legacy design creates a regenerative and self-managed system.

How can you encourage others to join your team?

Source: Geoff Lawton www.geofflawtononline.com
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaSpaddy.com
Following through with commitments and completing tasks brings an abundance of yields and enhances relationships.

How can you complete tasks and the intentions that you have for your work and life?
Relinquish power to nature and effective people. Build a team and empower participants to have areas of independent responsibility as well as opportunities for leadership. Trust team-members until trust is broken. Focus on giving rather than receiving.

How can you create, maintain and uplift a more successful team of people to work with?

Source: Rosemary Morrow
www.bluemountainspermacultureinstitute.com.au
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
PRODUCE LESS WASTE

Waste is an unused resource and the output of an ineffective design. Generating and using renewable energy, lowering the ecological footprint and consuming less disposable plastic products supports the health of Earth’s Ecosystem.

What steps can you take to refuse, reuse, repair, repurpose and utilize your unused resources?

Source: David Holmgren www.holmgren.com.au
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
Renewal resources and services can drive a healthy community, economy and industry. People power, plant power and animal power combine with planet power like the sun, wind, tides and gravity to provide for all our energy and resource needs without using things up or damaging our environment.

How can you better support local goods and services for your lifestyle?
ATTITUDES
Resources have many different uses and can often be cycled through the system many times. Consider the value of products and byproducts you create, or could create, to both human and ecological communities.

How can you make more effective use of your yields?

Source : Bill Mollison www.tagari.com
Envoy : Delvin Solkinson www.visionarypermaculture.com
Art : Brenna Quinlan www.brennaquinlan.com
Design : Alexa Spaddy www.alexaspaddy.com
Creatively use and respond to change. Life is constantly changing and evolving, as are gardens and all design systems. Our ability to flow with these changes and use them to refresh and upgrade our design systems is key.

How can you create an open design system that observes change and responds appropriately?

Source: David Holmgren www.holmgren.com.au
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaespaddy.com
ATTITUDES
USE PRECAUTION

If there is a risk of doing harm to the environment through a course of action, it is best not to do so. Avoid subjecting the health and wellbeing of the ecosystem to experiments that have a reasonable chance of causing harm. When in doubt, do nothing.

How can you design systems using energy and resources that do not put the local ecosystem at risk?

Source: Rosemary Morrow  
www.bluemountainspermacultureinstitute.com.au  
Envoy: Delvin Solkinson www.visionarypermaculture.com  
Art: Brenna Quinlan www.brennaquinlan.com  
Design: Alexa Spaddy www.alexa-spaddy.com
ATTITUDES
When mapping, designing and communicating, be clear and concise while connecting with the people you are wanting to share with. Use active listening along with short, simple and accessible language to communicate successfully.

How can you cultivate clearer communications?

Source: Rosemary Morrow  
www.bluemountainspermacultureinstitute.com.au  
Envoy: Delvin Solkinson www.visionarypermaculture.com  
Art: Brenna Quinlan www.brennaquinlan.com  
Design: Alexa Spaddy www.alexaspaddy.com
ATTITUDES
PROBLEMS ARE SOLUTIONS

A problem element in your design system can provide a much needed solution, function or resource somewhere else. Instead of always wanting to fix problems, think of them as elements to work with and as potential opportunities or even solutions for someone else’s problem. Looking at a challenging element or byproduct of your design, where can you creatively consider a situation that it would be useful?

Source: Bill Mollison www.tagari.com
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
Diverse systems are resilient, playing many functions and providing many products. Supporting a large variety of plants, animals and people creates dynamic stability.

How can you include a larger variety of harvests and habitats in your design?

Source: Bill Mollison www.tagari.com
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
ATTITUDES
HOLISM

The whole is worth more than the sum of its parts. When elements come together they play functions that they could not fulfill on their own. In math 1 plus 1 equals 2 but in permaculture 1 plus 1 might equal 4 or 13 or 64!

By combining elements together in your design, what additional products or functions can you create?

Source: Michael Becker
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexa-spaddy.com
ATTITUDES
POSITIVISM

Cultivate a positive, passionate and optimistic perspective in order to generate happiness and inspiration in all that you do. Everyone and everything around you will benefit. Reframe failures as learning opportunities and celebrate successes.

How can you maintain a focus on the benefits of what you are doing?

Source: Michael Becker
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
ATTITUDES
EVERYTHING IS SOLVABLE

All problems have solutions, get creative and consider how nature approaches problem solving. Some problems may require input and support from other people. Remember to ask for help from others when needed.

How can you do research or enlist experts to help you address root causes for your problems?

Source: Toby Hemenway www.tobyhemenway.com
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
ATTITUDES
029 Attitudinal Principles

GET CREATIVE

The biggest limit to abundance is lack of creativity. Permaculture is about how to learn and innovate, recognizing that every situation is unique and different.

What creative design processes can you use to open new possibilities?

Source: Toby Hemenway www.tobyhemenway.com
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
SPEND MORE TO GET MORE

The cost of buying ethical, local food, resources, energy and services is the real cost. Instead of expecting to spend less and get more, become used to the idea of spending more to get more! Investing in your health and that of the Earth is the highest use of money.

How can you invest in more local, ethical goods and services?

Source & Envoy:
Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
EMBRACE CHANGE

Every situation is different. Don’t try to use the same solutions for different problems. See how your site and situation is unique. You have an opportunity to develop site-specific solutions and strategies.

How can you design flexibility into your life, work and landscape so it can be evolved as life changes?

Source: Toby Hemenway www.tobyhemenway.com
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
ATTITUDES
EMBRACE MISTAKES

Mistakes contain much potential for learning. Remember your mistakes are a sign that you are experimenting and exploring new territory. This is a good thing. Mistakes often lead to big discoveries!

How can you integrate and share the key learning from your mistakes?

Source: Bill Mollison www.tagari.com
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
ATTITUDES
Rethink, Redesign, Remember.
Rethink your relationship to consumption and redesign your life to lower your impact. Remember to forgive yourself and others as you navigate the challenges to living sustainably. Consider how your actions can help regenerate the relationships and systems around you.

How can you contribute to the revitalization of Earth?

Source & Envoy:
Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
REFUSE

Reduce, Repair, Rethink. Recycling is not sustainable. Rethink your consumption patterns and see if you can reduce the amount of waste you generate in the first place. Repair, reuse and restore elements when possible. Refuse to buy overpackaged goods.

How can you design your systems to generate less waste?

Source & Envoy:
Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
BE ADAPTABLE

Expect everything to change in unexpected ways. Adapt your design to changes in the land and climate. Create short-term and long-term plans that can be changed over time.

How can you integrate your observations of what is happening into an ever-changing design plan?

Source : Michael Becker
Envoy : Delvin Solkinson www.visionarypermaculture.com
Art : Brenna Quinlan www.brennaquinlan.com
Design : Alexa Spaddy www.alexaspaddy.com
ATTITUDES
036 Attitudinal Principles

HAVE FUN

If you are not having fun you are not doing it right! Bringing joy and happiness into what you are doing uplifts and enhances your experience. Happiness and laughter is contagious, the more fun you have, the more fun those around you will have.

How can you have fun doing even the most mundane or heavy work?

Source: Dave Boehnlein www.terraphoenixdesign.com
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
Start with yourself and work outwards. Create realistic and practical systems which function effectively. Focus on the highest use of resources and time to be productive and abundant. "Measure twice, cut once".

How can you make your design more practical and productive?

Source : David Holmgren www.holmgren.com.au
Envoy : Delvin Solkinson www.visionarypermaculture.com
Art : Brenna Quinlan www.brennaquinlan.com
Design : Alexa Spaddy www.alexaSpaddy.com
Start at the beginning and make sure that your developments do not outstrip your ability to maintain those developments in the long term. Do things within your skill range and budget. Larger expansions can be done later. Little achievements will add up to large successes. Small becomes relative as you scale up.

Can you break down your design plan into a sequence of small, achievable steps?

Source: Michael Becker
Envoy: Delvin Sotkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
STRATEGIES
Diverse systems have many yields and byproducts. Harvest, store and share a sustainable amount of these yields. Each new success builds trust in the process. Permaculture design generates both food and fun, providing a diversity of yields every day of the year.

How can you reap more of the harvest from your world?
CELEBRATE

Recognize and celebrate successes by sharing yields, when reaching goals, both small and large. Regular celebrations stir inspiration and passion for work, builds confidence and will strengthen the team.

What creative ways can you celebrate successes and share yields with your team?

Source: Michael Becker
Envoy: Delvin Selkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
GET BACK TO WORK

Redesigning our land, lives and community takes a lot of work. Fulfilling our needs abundantly while giving back to the Earth and tending to our collective future requires ongoing design, implementation and maintenance. Keep taking the system to the next level and build on what has already been accomplished.

How can you stay passionate and motivated to work towards your goals?

Source: Michael Becker
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
FEED

Feed what you want to grow. Invest time, energy and money to cultivate the land and life of your dreams. Put attention and effort into things that support your health, happiness and abundance. Surround yourself with media, friends, learning and projects that represent the life you want to have.

How can you feed the things in your life that you want to grow?

Source: Michael Becker
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
STRATEGIES
Connect with people who are like-minded and have similar interests, values and passions. Spend time around those who inspire you to be who you are. This will empower your work and give you opportunities to participate in meaningful projects.

How can you find the others?

Source: Michael Becker
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
STRATEGIES
Nature combines colours, shapes and sizes to create artful and functional beauty. Just like adding flowers to our garden to attract pollinators, adding beauty to our designs helps us to communicate creatively and attract attention from others who may benefit from permaculture.

How can you bring more beauty to your life and land in all four seasons?

Source : Michael Becker
Envoy : Delvin Solkinson www.visionarypermaculture.com
Art : Brenna Quinlan www.brennaquinlan.com
Design : Alexa Spaddy www.alexa-spaddy.com
BUILD CONNECTIONS

Creating beneficial connections between living and non-living elements increases efficiency and yield. In permaculture it's less about the number of elements you have and more about the number of connections between the elements.

How can you create more connections between elements and energy flows in your design?

Source: Bill Mollison www.tagari.com
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexa-spaddy.com
Purchasing more goods and services from your community and bioregion helps regenerate the local economy. Local ethical products have a lighter ecological footprint. Utilize community currencies and bartering to encourage other community members to relocalize.

How can you provide for more of your needs locally?

Source: Bill Mollison www.tagari.com
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
CREATE CLOSED LOOPS

Energy, time and money are saved when you cycle resources locally. This also reduces environmental impact and helps prevent unwanted elements like pests or pesticides to be imported from elsewhere.

How can you connect your system’s products with its needs to create closed loops in your design?

Source: Bill Mollison www.tagari.com
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
DISPERAL OF YIELD

Spread out the harvests and yields across the season, year, decade and century. The goal is a steady and increasing abundance that fits into your ability to process, store and share effectively.

How can you design your system for staggered production?

Source: Bill Mollison www.tagari.com
Envoy: Delvin Solkinson www.visorionypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
STRATEGIES
We have a unique ability to support our own evolution and create the conditions for evolution to happen around us. Permaculture combines the lessons of nature with our own common sense and creativity to unlock evolutionary potentials.

How can you be a more active participant in your own evolution?

Source : Bill Mollison www.tagari.com
Envoy : Delvin Solkinson www.visionarypermaculture.com
Art : Brenna Quinlan www.brennaquinlan.com
Design : Alexa Spaddy www.alexaspaddy.com
STRATEGIES
LEAST CHANGE

The least change for the greatest effect. Consider ways in which you can use the least amount of energy with the lowest impact on the environment while accomplishing as much as possible. Look for leverage points to make maximum effect with minimum effort.

Where can you invest a small amount of time, energy and resources for the greatest increase in productivity?

Source: Bill Mollison www.tagari.com
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Work With Nature

Observe the flow of energy and resources through your system and adapt your designs to these observations. Nature is strong, utilize its strengths by designing in harmony with its patterns, and harvesting the sustainable energy and resources it provides.

How can you base your design on observations of the natural world?

Source: Bill Mollison www.tagari.com
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
STRATEGIES
Green energy and renewable resources can be sustainably harvested locally. Doing things on a small scale makes it easier to use hand tools and animal systems while generating harvests without waste.

Can you choose a biological resource to replace products made of plastics or using poisons?

Source: Bill Mollison www.tagari.com
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
053 Strategic Principles

WORK WITHIN YOUR MEANS

Evaluate the limits and capacity of your system and stay within them. Conserve and ration resources and energy to allow for the system to survive in the long term.

What design expansions can you do that fit with the time, energy, money and resources you have now?

Source: Bill Mollison www.tagari.com
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
Locally grown food is many times more nutrient dense than imported food. Spin farming with many small intensive garden plots across rooftops, balconies, suburban yards and marginalized urban spaces can combine to have a huge yield.

How can you help grow more food close to the area with the highest population in your bioregion?
055 Strategic Principles

WORK WITH SUCCESSION

The process of growth, death and reproduction is one of nature’s master patterns. It can be seen in all life systems. In an annual vegetable garden we can use succession to synchronize seeding and harvest times to maximize production and minimize unproductive bare soil. Designers can intervene in a growth cycle to speed up or slow down succession.

How can you use permaculture to design for succession?

Source : Bill Mollison www.tagari.com
Envoy : Delvin Solkinson www.visionarypermaculture.com
Art : Brenna Quinlan www.brennaquinlan.com
Design : Alexa Spaddy www.alexaspaddy.com
STRATEGIES
Planning deep into the future helps to prepare for possible challenges while creating stable systems that produce abundantly for long periods of time. Our goal is to provide for the needs in the present while also securing resources that can be used by future generations to provide for their needs.

How can you integrate long term planning for resilience and productivity into your design?

Source: Bill Mollison www.tagari.com
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexa spaddy.com
STRATEGIES
Using plant prunings as mulch helps feed soil while cycling nutrients. Add quick growing plants that bioaccumulate minerals or pair with nitrogen fixing bacteria into your gardens. Periodically prune the plants, dropping the cuttings directly back into the garden to nourish it, keep weeds down, moderate soil temperature and slow evaporation. How can you integrate plants to chop and drop into your landscape design?

Source: Bill Mollison www.tagari.com
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
Efficient energy planning reduces your ecological footprint and saves you money. Effective placement of elements within a system while harvesting green energy onsite can reduce energy needs.

How can you use less energy and utilize natural sources for the energy that you do use?

Source: Toby Hemenway www.tobyhemenway.com
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
USE & VALUE DIVERSITY

Nature's strength is through its diversity. Having many different elements, energies, resources and microclimates creates resilience by providing a wide variety of harvests, resources and opportunities at different times of year.

How can you increase diversity in your design?

Source: David Holmgren www.holmgren.com.au
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
ACCEPT FEEDBACK

Accept feedback and apply self-regulation. Change your design based on negative or positive feedback loops from energy and resources. Regulate and redo designs which cause harm, pollute or over harvest. Reinforce and replicate designs that are regenerative while producing abundantly.

How can you make decisions based on indicators and feedback loops in your design system?

Source: David Holmgren www.holmgren.com.au
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexa-spaddy.com
USE EDGES

Use edges and value the marginal. The place where two systems meet includes new edge elements. The combined diversity of both systems, in addition to the new edge elements, means more yields. The edges in the landscape, as well as margins in society, offer an abundance of opportunities.

How can you revalue and utilize something that has been marginalized?

Source: David Holmgren www.holmgren.com.au
Envoy: Delwin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
Waste is simply an unused resource. Refuse to buy over-packaged products while being mindful of consumption patterns. Working together, even a small reduction of waste at the household level will make a huge difference on the larger scale.

What are ways you can reduce the amount of waste you produce?
STRATEGIES
Use Small and Slow Solutions. Designs that happen on a small scale and are implemented slowly, have the lowest impact on the environment. Successes can be replicated, while failures can be addressed and adapted into the ongoing design process.

How can you favour small and slow processes in your design?

Source: David Holmgren www.holmgren.com.au
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design from patterns to details. Everything is made from patterns that repeat. Utilize the patterns of permaculture including its design methods and principles to create a solid and appropriate foundation for your site. Fill in the details once you have the larger framework patterns in place.

How can you observe and design at a pattern level?
PLAN FOR DISASTER

Research and plan for climate extremes, natural disasters and social unrest. Look at historical patterns instead of averages to adapt your design for drought, flood, tsunami, hot summers and long winters.

How can you prepare for future disaster scenarios?

Source: Rosemary Morrow
www.bluemountainspermacultureinstitute.com.au

Envoy: Delvin Jolkinson www.visionarypermaculture.com

Art: Brenna Quinlan www.brennaquinlan.com

Redesigning consumption patterns to favour local, ethical goods and services can lighten our environmental impact. Invest time, energy and money into developing a resilient local economy and community.

What can you do to lower your ecological footprint?

Source: Rosemary Morrow
www.bluemountainspermacultureinstitute.com.au
Envoy: Delvin Jolkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexpaddy.com
EAT WILD FOODS

Many wild plants are highly nutritious and delicious foods. The traditional peoples ate native perennial herbs, nuts, fruit, roots, stalks, berries and leafy greens from many local plants as part of a seasonal diet. Make a wild food map of your bioregion noting harvest times.

How can you integrate more wild food into your garden and diet?

Source: Rosemary Morrow
www.bluemountainspermacultureinstitute.com.au
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quintan www.brennaquinlan.com
Design: Alexa Spaddy www.alexa-spaddy.com
STRATEGIES
SLOW FOOD

Cultivating gratitude and pleasure from local, ethically raised food that is prepared by hand with love can ease digestion and gives opportunities to build relationships. Mealtime is a great chance to make social connections while reviewing design ideas and creating action plans.

How can you invest more time and money into growing, harvesting, purchasing, preparing and eating healthy meals?

Source: Rosemary Morrow  
www.bluemountainspermacultureinstitute.com.au  
Envoy: Delvin Solkinson  
www.visionarypermaculture.com  
Art: Brenna Quinlan  
www.brennaquinlan.com  
Design: Alexa Spaddy  
www.alexaspaddy.com
Protect and regenerate landscapes. Ancient growth forests are the organs of the planet. They help stabilize and heal our planetary ecology. Protect the remaining ancient forests and conserve wilderness so the forest can regrow.

How can you help protect and regenerate the nature on your land and in your bioregion?

Source: Rosemary Morrow  
www.bluemountainspermacultureinstitute.com.au
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaaspaddy.com
EMBRACE WEEDS

Weeds are high nutrient soil feeders and stabilizers. They are used by nature to feed, decompact and protect damaged areas. Many weeds are nutritious and medicinal for people.

Can you identify weeds and their uses on your property that could upgrade the health of your garden and yourself?

Source: Rosemary Morrow
www.bluemountainspermacultureinstitute.com.au
Envoy: Delvin Jolkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexauspaddy.com
STRATEGIES
Look at ways you can invest your time, energy and money that will create foundations for long-term abundance. Relationships with your life team may be an important foundation for shared work in your permaculture design system.

Where is your work of the highest benefit?
Invest in things you believe in. Money is energy and your spending habits have the power to support others. Think of your money as a vote and get conscious of who and what you are voting for.

How can you invest more of your money into things that you want to support?

Source: Rosemary Morrow
www.bluemountainspermacultureinstitute.com.au
Envoy: Delvin Jolkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexsapaddy.com
This principle of conservation is a strategy for regenerating wild spaces and allowing nature to help us heal the planetary ecology.

Can you join an organization to map, protect and extend green belts through developed spaces and ancient forests in wild landscapes?

Source: Rosemary Morrow
www.bluemountainspermacultureinstitute.com.au
Envoy: Delvin Tolkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
STRATEGIES
After an exciting period of creative brainstorming, come down to Earth with careful research about what is possible in your specific design site. It helps to get an outside opinion from someone with experience.

How can you keep your design both practical and achievable?

Source: Rosemary Morrow  
www.bluemountainspermacultureinstitute.com.au  
Envoy: Delvin Selkinson  
www.visionarypermaculture.com  
Art: Brenna Quinlan  
www.brennaquinlan.com  
Design: Alexa Spaddy  
www.alexaspaddy.com
STRATEGIES
BE RUTHLESSLY HONEST

Be honest with yourself and others about your strengths and weaknesses. Admit failures and apologize. Research and plan for climate extremes, natural disasters and social unrest. Look at historical patterns instead of averages to adapt your design for drought, flood, tsunami, hot summers and long winters.

How can you be honest with yourself and your life team?

Source: Rosemary Morrow
www.bluemountainspermacultureinstitute.com.au
Envoy: Delvin Jolkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
STRATEGIES
MAXIMIZE PRODUCTION

Aim to generate an abundance of products, resources and energies to fulfill your needs. Ideally you create more than what you need yourself, with plenty to give away freely, and some for sale and trade as well.

How can you enhance your productivity?

Source: Rosemary Morrow
www.bluemountainspermacultureinstitute.com.au
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
OVERCOME LIMITS

Identify blocks and limiting factors, thinking of them as design possibilities. Use unconventional approaches to utilize limits as leverage points, which can unlock more abundance and productivity.

How can permaculture help you to identify your limits and the way to overcome them?

Source: Rosemary Morrow
www.bluemountainspermacultureinstitute.com.au
Envoy: Delvin Jolkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaespaddy.com
Although we cannot grow plants or animals, we can help create the conditions for them to grow. Weeds and pests arrive in our system because we have created the conditions for them to thrive.

How can you create the conditions for happiness, health and abundance in your life?
FIND THE FRIENDLIES

Allies are essential in permaculture. You don’t need to know everything or have everything if you know who knows, and who has, what you need.

How can you locate the experts and resource suppliers that can help you?

Source : Larry Santoyo www.permacultureacademy.com
Envoy : Delvin Solkinson www.visionarypermaculture.com
Art : Brenna Quinlan www.brennaquinlan.com
Design : Alexa Spaddy www.alexaspaddy.com
080 Strategic Principles

LOW TECH

Seek the highest opportunity to use low technology when possible. Find opportunities to replace digital technology with manual technology.

How can you make the most of mechanical technology not requiring fossil fuels or electricity to run?

Source: Larry Santoyo www.permacultureacademy.com
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
FILL FUNCTIONS

Fill fundamental functions first. Start at the beginning. Establish essential foundations first. Look to water, soil, energy, fences and structures before plotting gardens and landscaping projects. Providing shelter, warmth, food, water, toilets and storage is a great start.

How can you make sure your basic needs are met?

Source: Larry Santoyo www.permacultureacademy.com
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexsapaddy.com
A system is only as strong as its weakest link. Upgrade the connections between elements and the efficiency of energy flows to reduce waste and increase productivity.

Can you identify and upgrade the links that connect elements in your design?

Source: Toby Hemenway www.tobyhemenway.com
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
STRATEGIES
USE ONSITE RESOURCES

You are surrounded by an abundance of resources, which are often free and easy to use. Assess what you already have as a starting point for deciding about what you still need.

What resources do you already have onsite?

Source: Toby Hemenway www.tobyhemenway.com
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
STRATEGIES
Cycling money through the local economy supports community development and increases community capital. Consider the long-term health of the ecosystem and social system as the most important profits when making a permaculture business plan.

How can your money support local, ethical development?

Source: Toby Hemenway www.tobyhemenway.com
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexa-spaddy.com
Permaculture enables us to speed up natural processes in order to fast track succession and increase productivity. The goal is to speed up the healing and restoration of nature while increasing the yield of food, energy and resources from small-scale intensive design areas.

How can you help catalyze your design?

Source: Toby Hemenway www.tobyhemenway.com
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
Creatively reusing items so they play a more functional purpose than they did originally is the highest form of recycling. The world is full of waste, most of it can be upcycled and creatively reused.

How can you utilize unused or wasted elements so they play more important roles in your design system?

Source: Toby Hemenway www.tobyhemenway.com
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
HARVEST WHEN RIPE

Nature has its own timing. Design with flexibility so you can adapt to life’s opportunities. Patience and hard work will be rewarded with abundant harvests.

How can you organize your life so you are free to synchronize with the harvests of nature and life?

Source: Richard Wallner www.aupetitcolibri.free.fr
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
STRATEGIES
Make the most of everything you do. When you do anything, see how many times you can reuse, remix, adapt and share it.

How can you design your site or project so that the energy and resources invested can have the longest lasting positive effect?

Source: Dave Boehnlein www.terraphoenixdesign.com
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexsapddy.com
STRATEGIES
Applying your time, energy and money where it can have the highest use is a key for effective design. Seek leverage points where you can accomplish a lot, stacking functions and elements together into intensive systems. Invest work in places that can help your system become self-sufficient and regenerative.

Can you harvest the low hanging fruit and locate leverage points in your design site or system?

Source: Bill Mollison www.tagari.com
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
OBSERVE AND INTERACT

Detailed observations about what is already present and happening in your site is a key. Note all elements including living and non-living things, energies and influences through all seasons. Observe past patterns. Interact with your system, cultivating direct relationships with all its elements including people, plants, insects and animals. Can you spend more time observing and interacting with everything on your site?

Source: David Holmgren www.holmgren.com.au
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
A well-designed ecological garden or farm creates the conditions for its success. As plant and animal communities get established with their own needs fulfilled, the less additional upkeep, watering and feeding they require. The goal is to naturalize animals and plants so they are at home on your site as they would be in a wild place.

How can you support succession and naturalize your system?

Source: Andrew Faust www.permaculturenewyork.com
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
STRATEGIES
Responding to situations while knowing we don’t have all the information and cannot control what happens requires open-ended strategic planning. This needs to be flexible and adaptable enough to change over time. The process includes taking an inventory, evaluating, strategizing, designing and implementing.

How can you create a strategic plan to address goals and challenges?

Source: David Holmgren www.holmgren.com.au
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
DESIGN
Nature is a working model for a stable and sustainable system. Observe how nature cycles energy, supports diversity, produces abundance and generates no waste, then model these qualities in your home design.

How can you model a natural pattern or process in your site design?

Source: Bill Mollison www.tagari.com
Envoy: Delvin Jolkinson www.visionarypermaculture.com
Art: Brenna Quintan www.brennaquintan.com
Design: Alexa Spaddy www.alexaspaddy.com
Utilizing horizontal and vertical surfaces, permaculture promotes design density and allows many elements to share the same space. Layering and Stacking can be done in space and in time. Some elements share the same space and time. Other elements share the same space at different times.

How can you design for many elements in small intensive areas around your home?

Source: Bill Mollison www.tagari.com
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexa-spaddy.com
PERENNIAL SYSTEMS

Perennial plants endure over many years, establishing tap roots that enable the plants to grow big and strong while needing less watering and feeding. Perennial systems are hearty, creating microclimates and niches for annual plants and beneficial insects to thrive in.

Are there places in your design where you can include perennial plants in with your annuals?

Source: Bill Mollison www.tagari.com
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quintan www.brennaquintan.com
Design: Alexa Spaddy www.alexaspaddy.com
Technology that utilizes local energy and resources with a low environmental impact is the touchstone for an efficient, effective and ethical design.

How can the technology you use for gardening, transportation, cooking, lighting, heating, sewage treatment and water storage be retrofit to be more appropriate to your particular design site?

Source: Bill Mollison www.tagari.com
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quintan www.brennaquintan.com
Catch and store water, wood and fertility on your site as high up in elevation as possible. Gravity is an easy way to move energy and resources through your property.

How can you locate resources at a higher elevation or height so you can use a gravity feed system?
Cycle Energy, Nutrients and Resources. All waste contains energy that can be reused and recycled. Nature produces no waste as it cycles all the energy, nutrients and resources it produces back into the ecosystem.

Are there ways you can transform waste products into valuable inputs for your design system?

Source: Bill Mollison www.tagari.com
Envoy: Delvin Zolkinson www.visionarypermaculture.com
Art: Brenna Quintan www.brennaquintan.com
Design: Alexa Spaddy www.alexa-spaddy.com
DESIGN
Wild nature creates and purifies the air, water and soil. We are just at the beginning of understanding natures web of life, the functions it plays and what it requires to play those functions well. Conserve wild spaces while stacking designs and developments into small intensive spaces.

How can you lower your impact on ancient growth forests nearest to you?

Source: Bill Mollison www.tagari.com
Envoy: Delvin Soltkinson www.visionarypermaculture.com
Art: Brenna Quintan www.brennaquintan.com
Design: Alexa Spaddy www.alexaSpaddy.com
PUT YOUR HOUSE IN ORDER

Start with yourself and your home, making sure your own health and sustainability as well as your immediate relationships are functioning successfully. You need to get your own life together before you can best be of service to the community.

Can you clean, organize and retrofit your home to be higher functioning for your needs?

Source: Bill Mollison www.tagari.com
Envoy: Delvin Jolkinson www.visionarypermaculture.com
Art: Brenna Quintan www.brennaquintan.com
Design: Alexa Spaddy www.alexa-spaddy.com
DESIGN
PLANT MORE TREES

By creating and cleansing air, water and soil, trees are the foundation for life on the planet. Converting sunlight into chemical energy, trees are the greatest source of food for our ecological community.

Where can you plant more trees?

Source: Bill Mollison www.tagari.com
Envoy: Delvin Jokinson www.visionarypermaculture.com
Art: Brenna Quintan www.brennaquintan.com
Design: Alexa Spaddy www.alexaaspaddy.com
MULTIPLE FUNCTIONS

Every element in a permaculture design system has the ability to play more than one function. Elements with many functions are valuable because they fulfill many needs without requiring more energy or space.

How can you design your life and land for multi-functionality?

Source: Bill Mollison www.tagari.com
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quintan www.brennaquintan.com
Design: Alexa Spaddy www.alexaspaddy.com
MULTIPLE ELEMENTS

All the important functions in your system are better supported by multiple elements. If one element fails to fulfill its function, then there is a back up with redundant elements that are in place to make sure function is still fulfilled.

Are there multiple elements and strategies for fulfilling the main needs and functions on your site?

Source: Bill Mollison www.tagari.com
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaaspaddy.com
Designing intensive systems into small spaces is an efficient approach to allow more area for nature to take its course. Small-scale systems are the easiest to care for and regulate. Creating many smaller interconnected systems, instead of one large system, increases diversity, resilience and production.

How can you design intensive, small-scale systems where you live and work?

Source: Bill Mollison www.tagari.com
Envoy: Delvin Jolkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
Edges contain elements from two different systems as well as elements that only exist in the liminal spaces between them. Greater diversity brings increased productivity and yields that are spread across time and space.

Where can you increase edges in your design system?

Source: Bill Mollison www.tagari.com
Envoy: Delvin Jolkinson www.visionarypermaculture.com
Art: Brenna Quintan www.brennaquintan.com
Design: Alexa Spaddy www.alexaspaddy.com
EVERYTHING GARDENS

The garden is a metaphor for any system of relationships. Every living thing eats, drinks, produces, has relationships, grows and dies just like a garden.

Can you create a habitat for insects, fungi, plants and animals that can help you garden?

Source: Bill Mollison www.tagari.com
Envoy: Delvin Soltkinson www.visionarypermaculture.com
Art: Brenna Quintan www.brennaquintan.com
Design: Alexa Spaddy www.alexaspaddy.com
GUILDS

When separate elements playing complimentary functions come together, they can fulfill functions that none of the elements could play on their own. Guilds create self-sufficient systems, which attract beneficials, repel pests, and generate food and medicine as well as creating beneficial microclimates. Can you build symbiotic guilds for plants, animals, mushrooms, insects, soil, rocks, sunlight and water in your garden?

Source: Bill Mollison www.tagari.com
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quintan www.brennaquintan.com
Design: Alexa Spaddy www.alexaspaddy.com
DESIGN
Become more conscious about where you live and all the plants, animals, people, places, and elements and resources around you. Extend a detailed map of your home out to your community. Locate conscious local businesses and services, educational opportunities, social programs, farms, forests and places of great beauty.

Can you make a green map of your land and your community?

Source : Bill Mollison www.tagari.com
Envoy : Delvin Jolkinson www.visionarypermaculture.com
Art : Brenna Quintan www.brennaquintan.com
The regenerative redesign of your land and life can bring abundance, health and happiness. Explore design possibilities that fit within your available time and space, energy and resources, site constraints and outside influences.

Can you redesign your home, land and lifestyle in light of the permaculture principles?

Source: Bill Mollison www.tagari.com
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quintan www.brennaquintan.com
Design: Alexa Spaddy www.alexaaspaddy.com
CO-OPERATION

Make alliances that share resources and support successes. Working together in guilds and networks to be profoundly productive.

How can you form more symbiotic relationships?

Source: Bill Mollison www.tagari.com
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quintan www.brennaquintan.com
Design: Alexa Spaddy www.alexaspaddy.com
EVERYTHING WORKS BOTH WAYS

Everything can be functional or dysfunctional, in a way that can help or harm. All elements effect, and are effected by, the world around them.

How can your design transform a challenging energy or element into something beneficial?

Source : Bill Mollison www.tagari.com
Envoy : Delvin Jolkinson www.visionarypermaculture.com
Art : Brenna Quinlan www.brennaquinlan.com
Design : Alexa Spaddy www.alexaespaddy.com
EQUAL EXCHANGE

When growing plants, the nutrients and minerals we use up in the soil must be replaced in order to continue to grow those plants. Equalizing how much you give with how much you take, you can create harmonious, long-term relationships.

How can you give more to the relationships that benefit you?

Source: Bill Mollison www.tagari.com
Envoy: Delvin Sotkinson www.visionarypermaculture.com
Art: Brenna Quintan www.brennauquintan.com
When food travels great distances, it has a large ecological footprint. It's more difficult to evaluate whether food from faraway has been produced ethically. Fresh foods lose nutritional value the longer they travel. Importing food also takes money out of your local economy.

How can you assess all the food you eat for food kilometers and move towards eating more local food?

Source: Rosemary Morrow
www.bluemountainspermacultureinstitute.com.au
Envoy: Delvin Jolkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
RECARBONIZE

Always put more back into the system than you take out. Excess carbon in the atmosphere is causing environmental imbalances. Trees and plants help to collect and sink excess carbon into the Earth where it can be a healthy part of the ecosystem.

How can you lower your carbon emissions and put more carbon back into the Earth?

Source: Rosemary Morrow
www.bluemountainspermacultureinstitute.com.au
Envoy: Delvin Jolkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaespaddy.com
CONSCIOUS WATER USE

Water is a renewable resource and can be cleansed. We can redesign our water use and treatment to help repair our world. Perform a water audit for your life by noting the amount of times you wash dishes, do laundry, shower and flush the toilet. Measure how much water you use to water your gardens. Compare your water use with your water catchment. How can you increase the water catchment on your site while reducing its water usage?

Source: Rosemary Morrow
www.bluemountainspermacultureinstitute.com.au

Envoy: Delvin Solkinson www.visionarypermaculture.com

Art: Brenna Quinlan www.brennaquinlan.com

Design: Alexa Spaddy www.alexaspaddy.com
CLEAN WATER

Catch, Store, Clean, Use, Release. Catch water before it goes into storm drains and out into the ocean. Store the water for future use. Once water has been stored, clean it with filters, settling tanks, solarization and oxygenation so it’s clean for the following use. Release used water, enabling it to participate in the local hydrologic cycle. How can you catch, store, clean, use and release water in your system?

Source: Rosemary Morrow
www.bluemountainspermacultureinstitute.com.au
Envoy: Delvin Soltkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
DESIGN FOR STABILITY

A keynote in permaculture is design for permanence. Creating food forests that cycle nutrients and include a climax ecology of plants and animals may be resilient and productive for hundreds or even thousands of years.

How can you design your site for stability?

Source: Rosemary Morrow
www.bluemountainspermacultureinstitute.com.au
Envoy: Delvin Jolkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
BUFFER CLIMATE

Moderating strong climatological effects including extreme temperature, winds and weather helps protect your site from damage. Using berms, hedgerows, treelines, structures and biotechture can help lessen the impact and intensity of the environment.

How can you create buffers to protect and moderate the impact of extreme forces from outside your design site?

Source: Rosemary Morrow
www.bluemountainspermacultureinstitute.com.au
Envoy: Delvin Jolkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
REFILL THE AQUIFER

Fulfilling our own water needs is followed by helping to rehydrate the local bioregion and refill the aquifer. The more water there is in the local environment, the more all life will benefit.

Can you use swales, deep ripped contours, treelines, gabions, limonia or other ambient water capturing techniques to sink more water into the aquifer?

Source : Rosemary Morrow
www.bluemountainspermacultureinstitute.com.au
Envoy : Delvin Jolkinson www.visionarypermaculture.com
Art : Brenna Quinlan www.brennaquinlan.com
Design : Alexa Spaddy www.alexa-spaddy.com
Soil is the foundation of life. Using techniques like composting, vermiculture, hugelkultur, biodynamics and sheet mulching, we can fast track nature’s ability to build soil. Keep soil covered with plants and mulches, feed it with composting super plants and organic matter, and water it with liquid nutrient feeds to produce a vibrant foundation for the life of your plants and animals. How can you turn excess or waste biomass into soil?

Source: Rosemary Morrow
www.bluemountainspermacultureinstitute.com.au
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
Endure and Avoid Disasters. The principle of disaster resilience is accomplished through advanced planning and design. Have materials, supplies and a plan to help you endure a weeklong disaster. Evacuate areas of impending disaster when possible.

How can you mitigate and withstand disasters that happen while doing your best to avoid disasters before they strike?

Source: Rosemary Morrow
www.bluemountainspermacultureinstitute.com.au
Envoy: Delvin Jolkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
Preserve existing wild spaces so they can stabilize the climate and provide food and habitat for plants, animals and people. Extend existing forests, preserves and parks, and protect against development. Restore damaged, degraded and marginalized lands with bioremediation and pioneer plants.

How can you preserve, extend and restore the ecosystem in your bioregion?

Source: Rosemary Morrow
www.bluemountainspermacultureinstitute.com.au
Envoy: Delvin Sotkinson wwwVISIONarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
REDUCE IMPACT

The five aspects of your ecological footprint, water, energy, structures, transport and food, can be evaluated and redesigned using appropriate technology.

Can you reduce the impact of your systems for providing water, energy, structures, transport and food?

Source: Rosemary Morrow
www.bluemountainspermacultureinstitute.com.au
Envoy: Delvin Jolkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexa-spaddy.com
DESIGN
LAW OF RETURN

The amount plants take from the soil must be returned in order for that plants future generations to keep living there. Whatever we as gardeners and Earth stewards take from the land, we need to return in order for our planet to remain healthy in the long term.

How can you contribute more to your human and ecological community than you take out?

Source : Bill Mollison www.tagari.com
Envoy : Delvin Solkinson www.visionarypermaculture.com
Art : Brenna Quinlan www.brennaquinlan.com
Design : Alexa Spaddy www.alexaspaddy.com
DESIGN
Design regenerative systems that are effective, efficient and ethical. When processes work well, the output of an effective system fulfills its needs and generates abundance to share. An efficient system uses less energy than it generates and needs minimal maintenance. Ethical systems benefit the ecological and human community while generating long-term yields and resource stability for future generations. How can you upgrade your design?

Source: Rosemary Morrow
www.bluemountainspermacultureinstitute.com.au
Envoy: Delvin Jolkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
Nature is made up of many small elements that work together to form larger and larger patterns. At each level of organization, nature is a network, a holistic and symbiotic system all working together as one.

Consider ways in which your life and design operates as a holistic system?
The goal of permaculture is to create an abundance of yields to harvest and share in a regenerative way with the surrounding human and ecological community.

How can you maximize your production?

Source: Rosemary Morrow
www.bluemountainspermacultureinstitute.com.au
Envoy: Delvin Jolkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Connect with the Growing Cycle. Nature operates in successional cycles of time and growth. By living in alignment with the sun, moon and planets as well as the climate, plants and animals, we can align our actions with the cycles of change on the planet.

How can you integrate biodynamics into your planting and harvesting schedule?

Source: Rosemary Morrow
www.bluemountainspermacultureinstitute.com.au
Envoy: Delvin Jolkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
By increasing the amount of times we reuse water in our designs, we can reduce the total water needed from off site. Channel water along the longest path (over the most distance), traveling as slowly as possible (over the most time), rubbing up to as many things as possible (with the most passive friction), to create the most fertility. How can you redesign your home or garden to make it more water efficient?

Source: Geoff Lawton www.geofflawtononline.com
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
DESIGN
Areas without water hold nutrients in suspension. Unlock the richness of the desert, beaches and covered soils anywhere simply by adding water.

How can you channel water into dry areas to help them regenerate?

Source: Geoff Lawton www.geofflawtononline.com
Envoy: Delvin Jolkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
TIPPING POINTS

Change is not constant. Large bursts of change happen when conditions reach a critical mass. Look for ways to intervene in a system that can unlock cascades of change.

How can you help create a positive tipping point for change in your life or design?

Source: Toby Hemenway www.tobyhemenway.com
Envoy: Delvin Soltkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
DESIGN
Biomimicry

The courses of life from the natural world are efficient, effective and ethical. Living systems are also profoundly functional. We can model our own technologies and design methods inspired by processes observed in nature.

How can you adapt the lessons, structures and design of natural systems into your life or land?

Source: Toby Hemenway www.tobyhemenway.com
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaospaddy.com
Native plants are acclimatized, have minimal maintenance needs, and are more resistant to local disease, drought and pests. Utilizing native plants connects us to the history and culture of the land, and helps protect the diversity of heritage seed stock. These plants also foster niches where endemic species of plants, fungi, insects and animals can inhabit. How can you protect existing native plants and bring more of them into your design?
NO-DIG GARDENING

Digging disturbs the delicate soil ecology, uses up soil resources and creates hard work for the gardener. No-dig gardening saves energy and time while protecting soil and plants.

Where can you create more raised gardens to grow an abundance of food?

Source: Toby Hemenway www.tobyhemenway.com
Envoy: Delvin Jolkinson wwwVISIONARYPERMACULTURE.com
Art: Brenna Quinlan www.breannaquinlan.com
Design: Alexa Spaddy www.alexaSpaddy.com
BUILD RESILIENCE

The ability of you, your site and your community to adapt to change and challenge is an important factor in your long-term success and abundance.

Are there ways you can reskill and relocalize while helping create a more interdependent community that is cycling resources and working together to achieve common goals?

Source: Toby Hemenway www.tobyhemenway.com
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
Instead of down-cycling resources into lower functioning processes, up-cycle resources so they can have a higher yield, be more productive and increasingly multi-functional. Look for opportunities to creatively repurpose items to maximize yields and minimize environmental impacts.

What can you up-cycle from your waste stream?

Source: Penny Livingston-Stark www.regenerativedesign.org
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
Everything is made out of patterns. Some patterns are functional and beneficial while others are dysfunctional and unhealthy. We reinforce and replicate beneficial patterns, and redesign or replace dysfunctional ones. Relearning the pattern language of nature allows you to read the landscape, learning valuable lessons about the past, present and future. How can you identify functional and dysfunctional patterns in your design?

Source: Toby Hemenway www.tobyhemenway.com
Envoy: Delvin Jolkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
When you modify the natural world and create design systems, you often create the need to monitor and maintain those systems. Assess long-term needs and yields alongside time and energy required for upkeep. Unfulfilled needs and unused resources create more work.

Is there a way you can reduce your workload?
CULTIVATE RELIANCE

Build your capacity for self and community reliance. Make sure basic needs are being met, and then work with others to meet community and bioregional needs. Make a resource map of what is available in your community and how to fill in any gaps.

What actions can you take towards reliance?

Source: Toby Hemenway www.tobyhemenway.com
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
FOODSHED

The area your food comes from is a foodshed. You can achieve food security when you are able to fulfill your food needs regionally.

How can you map the local foodshed so you are aware of how to eat locally?

Source: Toby Hemenway www.tobyhemenway.com
Envoy: Delvin Jolkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexsapddy.com
DESIGN
ENERGYSHELD

The area your energy comes from is an energyshed. You can achieve energy security when you are able to fulfill your energy needs regionally.

How can you fulfill more of your energy needs locally?

Source: Toby Hemenway www.tobyhemenway.com
Envoy: Delvin Sokinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
DESIGN
CATCH & STORE ENERGY

Utilizing natural energy from sources like the sun, wind or running water is a great way to fuel technology with a lower ecological footprint. Harvesting and storing nature’s energy saves money, which helps create resilience and relocalization.

Can you power more of your technology by catching and storing energy passing through your site?

Source: David Holmgren www.holmgren.com.au
Envoy: Delvin Holkinson www.visionarypermaculture.com
Art: Brenna Quintan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
Value the Renewable

Value renewable resources and services. Humans, animals, plants and nature itself contain renewable resources and services that benefit the world without being used up when they are used. Non-renewable resources tend to toxify the environment when used and may take millennia to replace.

How can you care for the present and the future in the materials, goods and services that you provide and consume?

Source: David Holmgren www.holmgren.com.au
Envoy: Delvin Johkinson www.visionarypermaculture.com
Art: Brenna Quintan www.brennaquintan.com
Design: Alexa Spadd www.alexaspaddy.com
EMERGY

The amount of energy that is used across the entire life of a product from its extraction as raw materials, manufacturing, transport, usage and disposal is a measurement of Emergy. Compare the embodied energy of something against its functionality and longevity.

How can you transition to technologies with lower embodied energy?

Source: David Holmgren www.holmgren.com.au
Envoy: Delvin Jolkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaaspaddy.com
INTEGRATE

Honoring the relationships between elements, we can focus on creating a unified working system instead of dividing it up into separate and disconnected parts. The connections between elements are often as important as the elements themselves.

How can you integrate more local people, plants, animals and elements into your system?

Source: David Holmgren www.holmgren.com.au
Envoy: Delvin Jolkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexa-spaddy.com
LIFE CREATES LIFE

When left on its own, life creates the conditions for more life to happen. If we leave nature alone it will become more diverse, healthy, stable and abundant over time until it becomes a climax rainforest!

How can you help create the conditions for nature to take its course?

Source: Michael Becker
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaospaddy.com
Everything in the web of life exists as part of a dynamic set of relationships. Ecological design looks to enhance existing relationships between living and non-living elements in a system, as well as adding new elements that will join this symbiotic community in beneficial ways. Considering the relationships between elements in your system, how can you upgrade your design to support their abundant and healthy functioning?

Source: Michael Becker
Envoy: Delvin Jolkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaSpaddy.com
EVERYTHING TEACHES

Every moment is an opportunity to teach and to learn. Every time we learn something new and valuable, we have the ability to share the knowledge in order to benefit others.

How can you learn more from the world around you so you can contribute more through your own sharing and teaching?

Source: Michael Becker
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquintan.com
Design: Alexa Spaddy www.alexaspaddy.com
EVERYTHING IS A RESOURCE

Everything is a resource with multiple functions and outputs. Pollution comes from unused outputs.

How can you design to utilize the function of all the elements in your system?

Source: Michael Becker
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
Look for opportunities to cooperate, share, fulfill needs and work together with others to play symbiotic functions.

How can you create harmonious relationships with friends and family, diet and health, money and time?

Source: Michael Becker
Envoy: Delvin Jolkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
PLACEMAKING

Participate in community building by joining forces with other local and likeminded people to plan, design, implement and manage creative, productive and accessible systems on public lands. Turn marginal, unused or single use spaces into polyfunctional places for health, happiness and nurturing relationships.

How can you bring creativity and functionality to a public space?

Source: Mark Lakeman www.cityrepair.org
Envoy: Delvin Jolkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
ENERGY CYCLING

Create closed loops on your design site. Design to direct energy. Turn sun and water directly into plants, fertility and heat. Pack it and stack it. Heavy matter and living organisms store energy while it’s being utilized. Cycle food, fuel, nutrients, water, and solar power starting high in the system to enhance site resilience. What strategies, techniques and appropriate technologies can you use to catch, hold, store & cycle energy onsite?

Source: Andrew Faust www.permaculturenewyork.com
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaapaddy.com
RELATIVE LOCATION

Arrange elements that function well together and fulfill each other's needs. Separate elements that work better when further away. Find a harmonic arrangement that maximizes productivity and healthy functioning.

How can you rearrange your home so it works better for your life?

Source: Bill Mollison www.tagari.com
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quintan www.brennaquintan.com
Design: Alexa Spaddy www.alexaspaddy.com
METHODS
ZONES

Locate elements in relation to your energy pathways: the places that you go regularly. Elements that are used more, need more upkeep and on a small scale can be designed intensively closer to the places where you spend more time. Elements used less, with less maintenance needed, and on a larger scale can be part of a broad scale design that is located further away from where you spend most of your time. How can you locate elements in zones?

Source: Bill Mollison www.tagari.com
Envoy: Delvin Jolkinson www.visionarypermaculture.com
Art: Brenna Quintan www.brennaquintan.com
Design: Alexa Spaddy www.alexsapddy.com
METHODS
SECTORS

Energies and influences that pass onto or through your design site may change across the seasons. Observe the patterns of sun, shade, water, wind, noise, smells, views, animals, plants and other natural forces. Chart the influence of culture, bylaws, economics, legal structures, bioregionalism and neighbours.

Can you identify sectors and channel, block, or capture and store their energy?

Source: Bill Mollison www.tagari.com
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
METHODS
NEEDS ANALYSIS

Analyze the inherent characteristics of animals, plants and elements to see how they can fulfill each other’s needs while having their own needs met. Use all the outputs of every element in your system while designing the site to meet its needs. Can you write out all the elements of your system; their functions, products and needs, onto movable pieces of paper or digital images and see how many connections you can make between them?

Source: Bill Mollison www.tagari.com
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
METHODS
Closely consider contour, slope and aspect when you are mapping your land. Recognize energy flows and microclimates that are created by different elevational features.

How are you utilizing elevational planning, gravity feed and the capture of natural energy from an elevated point in your home or garden?

Source: Bill Mollison www.tagari.com
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
Consider the outcomes and yields you are designing for and how the design process will achieve those goals. Focus on designing functional relationships between the elements.

How can you create a design that considers your goals, processes and functions?
METHODS
Collect data, elements and ideas. Evaluate effective methods of assembling the elements into a holistic design. Apply your best design ideas in an appropriate sequence. Plan for the next level of the design succession.

How can you Collect, Evaluate, Apply and Plan for your design?
Observe the site noting its boundaries and resources. Evaluate the site constraints along with your needs to come up with an appropriate design. Implement the design in phases that include ongoing maintenance, evaluation and tweaking to maximize production and minimize your footprint.

Can you use the OBREDIMET method to drive a design treatment on plans for your life or land?

Source: The Permaculture Movement
Envoy: Delvin Solkinson wwwVISIONARYPERMACULTURE.COM
Art: Brenna Quinlan wwwbrennaquinlan.com
Design: Alexa Spaddy wwwalexaespaddy.com
Survey your site. Analyze your observations and create an integral design. Implement the design in chunks starting with the small and intensive spaces where you spend the most time. While maintaining the system, continue observation and evaluation to look for opportunities to upgrade or tweak it to maximize its effectiveness. How can you apply the SADIMET method to drive a design discussion with others about your garden or project?
METHODS
S.W.O.C.

Assess your strengths and that of the design site as well as the design you want to implement. Identify the weaknesses. Find opportunities to intervene, adding elements or moving existing elements around in order to support strengths and strengthen weak points. Locate the sectors of energy and influence coming onto the land as part of an assessment of the constraints. How can you design for strengths, weaknesses, opportunities and constraints?

Source: The Permaculture Movement
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinal.com
Design: Alexa Spaddy www.alexaspaddy.com
METHODS
Activate your awareness and explore your design site in great depth. Find inspiration from other places and people who are doing similar work. Have ownership over your choices, taking responsibility for your actions and their consequences. Undertake a long journey of learning as you work with your design site over time.

How can you use this design method to evolve your design process?

Source: The Permaculture Movement
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
ROSES, THORNS & BUDS

Discuss or write about the thorny challenges that you are facing in your life design. Explore the rosy successes, yields, and achievements. Clean budding visions as well as what you have learned, and what insights and guidance provide inspiration for moving forward with your life design.

What are the next achievable steps for this phase of your life design?

Source: Rowe Morrow
www.bluemountainspermacultureinstitute.com.au
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Start with small, well-managed areas and work outwards as your time and resources allow. Your own health can empower you to work in the garden, which can energize you for getting involved with your community and explore your bioregion and beyond.

How can you get your self and your home in better order before investing more energy beyond your doorstep?

Source: Looby Macnamara www.loobymacnamara.com
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexsapddy.com
METHODS
166 Design Methods

P.A.S.T.E.

This design tool fits together with other design methods to form a framework for permaculture. It considers the interrelationships between Plants, Animals, Structures and Tools while documenting Events.

Can you do a PASTE analysis of your garden?

Source: Looby Macnamara www.loobymacnamara.com
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
Withdraw your time, attention and money from places where it is not being used ethically to help the planet and its people. Target your attention towards relationships, activities, projects, businesses and investments that are regenerative and reinvest in them.

Can you divest some of your computer time, then target a healthy activity?
METHODS
Regenerative systems become more abundant and healthy over time, particularly when they are utilized. Our community, language, culture, muscles and traditional knowledge are all regenerative resources. Nature is inherently regenerative, when left on its own it becomes healthier, more resilient, and increasingly diverse. Can you design your home, garden or personal relationships so it becomes more abundant and more successful over time?

Source: Toby Hemenway www.tobyhemenway.com
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
METHODS
LET IT GO

Working within your means and the constraints of your design site sets limits to what elements you can successfully include. Sometimes you need to let ideas and visions go when they are not a harmonious fit for your life or land.

Can you take out elements of your design that are wasting valuable time, energy and money?

Source: Larry Santoyo www.permacultureacademy.com
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinnan www.brennaquinnan.com
Design: Alexa Spaddy www.alexaspaddy.com
DESIGN BY CHUNKING

Experiment with ideas on a small scale then replicate successes and avoid replicating failures. Expand in small chunks, slowly working outwards and increasing connections between new and old elements.

Can you experiment with a little chunk of a larger design plan and begin on a smaller scale?

Source: Larry Santoyo www.permacultureacademy.com
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
METHODS
EMERGING DESIGN

The world is ever-changing. Plans can evolve and adapt based on feedback that you get while applying and implementing them. Designs emerge over a process of integrated observation before, during and after implementation.

How can you create an open design that can emerge over time?

Source : Michael Becker
Envoy : Delvin Solkinson www.visionarypermaculture.com
Art : Brenna Quinlan www.brennaquinlan.com
Design : Alexa Spaddy www.alexaspaddy.com
METHODS
Permaculture is about creating webs of relationships, and connecting elements together with an organization that promotes beneficial and symbiotic functions. By integrating wild and cultivated spaces, agriculture and horticulture, business, wellness and economics, permaculture looks to create integral systems of interconnectedness.

How can you create an integral design for your site?

Source: Michael Becker
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaaspaddy.com
METHODS
Discover brilliant new ideas by stepping outside the box and exploring design potentials in a fun and creative way. Don’t be limited by the perceived restrictions of the site or your resources. This method can lead to a harvest of new ideas, which may contain a practical and useful upgrade to your design. How can you create dynamic design processes that inspire you to see your life and land with new eyes?

Source: Michael Becker
Envoy: Delvin Jolkinson www.visionarypermaculture.com
Art: Brenna Quinnlân www.brennaquinnlan.com
Design: Alexa Spaddy www.alexaspaddy.com
METHODS
OBSEERVE & INTERACT

Cultivate a direct relationship with a design site by observing and interacting with all its elements and influences. This leads to a more holistic and functional design.

How can you deepen a relationship with your life and land?

Source: David Holmgren www.holmgren.com.au
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
METHODS
Consider your design from different perspectives. The White Hat assesses information that is known or needed. The Red Hat explores feelings, hunches and intuition. The Black Hat helps judge the efficacy and explores reasons it may not work. The Yellow Hat brings in positivism and confidence. The Green Hat contributes creative new ideas. The Blue Hat helps guide the process by organizing, facilitating and setting goals. Can you use the six hats to support your design?

Source: Eduardo de Bono www.edwdebono.com
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
THREE JEWELS

Careful observation over time creates awareness about the seasonal elements and energies of a design site. Taking time to integrate these observations yields holistic understanding about the relationships and functions of the existing system. Develop a series of potential designs that can later be refined throughout the application process. How can you spread out your design process to observe and integrate before, during and after application?

Source & Envoy
Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
DESIGN BY EXCLUSION

Analyze a wide range of design possibilities for your life and land considering your needs, resources, design goals, abilities and long term maintenance. Filter out any design possibilities that expose your design constraints. Whatever remains is worth considering.

Of all your visions for your life and land, can you let go of any that do not fit?

Source: Ian McHarg
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
METHODS
DESIGN FROM PRECEDENTS

Think of your design vision and compare it to similar situations in other places or with other people. Notice successes you can replicate, and key learnings, challenges and failures that you can consider and design for.

What precedents can you find that may help inform your design?

Source: Dave Boehnlein www.terraphoenixdesign.com
Envoy: Delvin Jolkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
METHODS
CLIMATE ANALOGUES

Find locations around the world with a similar latitude, altitude and distance from large bodies of water. Look for places that have a similar culture, economy, value system, business interest or needs, and learn from their strategies, successes and failures.

Can you research places or situations similar to your own in other places around the world to see what can be learned?

Source: Doug Bullock www.permacultureportal.com
Envoy: Delvin Jolkinson wwwvisionarypermaculture.com
Art: Brenna Quintan www.brennaquintan.com
Design: Alexa Spaddy www.alexaspaddy.com
KEYLINE SCALE

Organize the placement of elements by their degree of permanence by considering climate, landform, water supply, roadways, tree and plant systems, microclimates, buildings, fences and soil. Identify landscape features like ridges and valleys along with watercourses and optimal water storage locations. Keyline is an ecological approach to broad scale land practices. Can you do a site analysis addressing all the Keyline considerations?

Source: P.A. Yeomans
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quintan www.brennaquintan.com
Design: Alexa Spaddy www.alexaspaddy.com
Fast track your succession. Learn by observing, doing, teaching and sharing the learning process with others.

How can you learn how to do something new, do it, teach someone else to do it and share the yields that come from doing it?

Source & Envoys: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
METHODS
This is the unit of a detailed design. Every site has different microclimates including a range of small areas that are drier or wetter, and hotter or colder. Direct observation of energies and influences for the site includes the location and movement of the water, sun, wind, fuel, nutrients, animals, plants and trees with attention to the slope and aspect. How can you use a microclimate analysis to increase the diversity of plants on your site?

Source: Rowe Morrow
www.bluemountainspermacultureinstitute.com.au
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Sequence your design process. Find where you can create or catch and store nutrients. Observe and design energy systems the Water flow systems. Where, when and what work is needed to maintain, upgrade and harvest from the system. Finally design for protection and fencing.

What can you learn from doing a site design by evaluating your nutrients, energy, water, work and protection?

Source: Rowe Morrow  
www.bluemountainspermacultureinstitute.com.au  
Envoy: Delvin Solkinson www.visionarypermaculture.com  
Art: Brenna Quinlan www.brennaquinlan.com  
Design: Alexa Spaddy www.alexaspaddy.com
METHODS
With a clear and researched design vision, good organization and the passion to take action, begin to implement. Be open to accepting feedback and altering the design to fit new understandings. Review and reflect. Consider how to upgrade functionality. Apply improvements to support success. Maintain, upgrade and redesign systems as required. What systems that you’ve already set up could benefit from reviews and improvement?

Source: Rowe Morrow
www.bluemountainspermacultureinstitute.com.au
Envoy: Delvin Sotkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
Create a map, pamphlet or document to share information about your site, project or program. Approach local education, government and non-profit groups for the opportunity to share at a meeting. Ask for their support by being included in a “supported by” section on their social media and websites. Build relationships by asking for something that costs nothing to give. Can you create media that helps you connect with schools, government bodies and non-profits?

Source & Envoy
Delvin Jolkinson wwwVISIONARYPERMACULTURE.COM
Art: Brenna Quinlan www.BrennaQuinlan.com
Design: Alexa Spaddy www.alexaSpaddy.com
Plan projects based on your passions, practical suitability to your site and the surrounding community context. Survey, analyze, design, implement and maintain. Do practical activities and learn as you go. Consider how to systematically observe and monitor systems after their creation. Reflect on strengths and weaknesses. How can design your system to become more abundant, resilient and self-sufficient using Planning, Doing, Observing and Reflecting?

Source: Permaculture Association
www.permaculture.org.uk
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
Learning is a journey. We move through succession every time we learn something new. Starting with the blissful ignorance of unconscious incompetence. The door opens to conscious incompetence. Awkward know-how brings learning into conscious competence. Through practice it becomes second nature with conscious competence. A wise owl can teach the cycle to others, adapting and innovating it to new situations. How can you take your learning to a conscious competence level?

Source: Martin M. Broadwell
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
METHODS
P.M.I.

Plus
What are the opportunities, advantages, energies and resources available on your design site?

Minus
What are the challenges, obstacles and limits of your design site?

Interesting
What are the unique characteristics, features and potentials of your design site?

Source: Eduardo de Bono www.edwdebono.com
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
APPROVE, AVOID, ASSIST

A principle for teaching effectively. Approve, affirm and give positive reinforcement to powerfully uplift a student. It needs to be genuine to work best. Avoid blaming or shaming. Ask questions that you can help with. Draw out answers from those hesitating to participate. Assist students, offering support to those feeling confused or shy. Reframe or clarify questions when not understood.

Source: Rowe Morrow
www.bluemountainspermacultureinstitute.com.au
Envoy: Delvin Jolkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
METHODS
V.I.S.A.

A principle for using teaching tools effectively.

Make sure your teaching tools are visual and can be seen easily across the table or the room. Great tools are bold and impactful. Keeping them simple to avoid distraction from the topic. Use appropriate timing, place, culture, context, and language to consider when matching a teaching tool with a class. Have a clear purpose, goal or learning objective.

Source: Rowe Morrow
www.bluemountainspermacultureinstitute.com.au
Envoy: Delvin Solkinson www.visiorypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
Design Methods

R.E.K.S.

A Principle for Teaching effectively.

Honor and respect everyone. Stay inspired and enthusiastic and let your passion shine through. Accurate knowledge is key. Teach what you know, research topics well and always update information. Create a feeling of safety by addressing student concerns as they come up and meeting student’s basic needs.

Source: Rowe Morrow
www.bluemountainspermacultureinstitute.com.au
Envoy: Delvin Jolkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaquinn.com
The permaculture toolkit is a set of keys for unlocking the next level of life, landscape and livelihood. Applying basic common sense can unlock time, energy and money. An attitude of gratitude, faith in the flow and openness to the possibilities are touchstones. Come together in the community to unlock your potential as a designer of your world. Can you identify helpful golden keys, attitudes, strategies, methods, principles and protocols?
7 WAYS TO THINK DIFFERENTLY
ABUNDANCE THINKING

Everything is a harvest, full of resources and opportunities. Giving and sharing, keeping goods and services moving, benefits us all. Redesigning the way we define wealth to include all things that support us, other people and the planet, we realize there is always enough for everyone. Gratitude is regenerative.

Be an Optimist.

Plant seeds for an abundant future.

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Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
7 WAYS TO THINK DIFFERENTLY
SOLUTIONS THINKING

Everything is an opportunity. Get creative and innovate to bring new perspectives on how to be productive and proactive, reframing problems as opportunities. The world is a web, what you do to better yourself also benefits the world around you. Marrying responsibility with action creates trust and hope for everyone. Be a Solutionary. See the path not the mountain.

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Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
7 WAYS TO THINK DIFFERENTLY
SYSTEMS THINKING

Everything is connected. Bringing multiple elements together creates synergy and emergence in a beneficial holistic system. Collaboration creates connections and interactions, building relationships and unlocking new possibilities. Integrating feedback and outside perspectives supports dynamic and resilient designs. Be a Possibilist. Harmonize with life’s murmuration.

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Design: Alexa Spaddy www.alexaspaddy.com
7 WAYS TO THINK DIFFERENTLY
THINKING LIKE NATURE

Everything is part of nature. Harmonizing with natural cycles, patterns and processes allow us to work with nature and benefit from its strength and flexibility. Tuning into the mystery, awe and wonder of our world brings a healing sense of inspiration, gratitude and belonging. Growing organically gives our systems and us strength, resilience and adaptability. Be an Ecologist. Anchor your roots while branching out.
7 WAYS TO THINK DIFFERENTLY
CO-OPERATIVE THINKING

Everything is a co-creation. Collaborate with other people, animals and plants while working with influences like weather, politics and economics. Create designs supported by many connections and strengthened by the combined force of many elements working in unison. Cultivating beneficial relationships helps us share and fulfill our needs locally. Be a Networker. Maintain individuality while joining in with the hive.

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Envoy: Delvin Sotkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
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7 WAYS TO THINK DIFFERENTLY
FUTURE THINKING

Everything is possible. Considering long-term perspectives that weigh possibilities and consequences helps to create plans with greater intention and a better chance of success. Designing for succession promotes long-term sustainability while saving time, energy and money as well as anticipating challenges. Be a Visionary. Help things grow.

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7 WAYS TO THINK DIFFERENTLY
Everything is actionable. Taking the step into action aligns your values and way of being with your work in the world, connecting what you believe in to where you are investing your energy. Directly participating in the world allows you to be an active contributor to your community and the place where you live. Your contributions can help unlock tipping points for positive change and motivate others to join with you. Be an Actionary. Leapfrog into the next level of life.
7 WAYS TO THINK DIFFERENTLY
EMBRACE, RESPOND, DISCOVER

Embrace potential for growth, harmony and transformation in yourself and every situation. Generate awareness of what is possible. Respond to life and adapt to the ever changing, evolving and transforming circumstances that can help inform decisions about the way forward. Discover abundance and create new perspectives, possibilities and pathways.

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Design: Alexa Spaddy www.alexaspaddy.com
DESIGN WEB
Articulation is the key to manifestation. Describe what you want to create in positive and uplifting ways. Draw inspiration from your passions. Communicate this in a clear, accessible and positive way. Identify your Core Goal.

Be engaging. What is your vision for what you want to design?
DESIGN WEB
Celebrate your gifts and skills. Observe the people and resources that can aid you in achieving your vision. Tap into this reservoir of support. Affirm and connect with your team. Identify your core support.

Be helpful. What can uplift you to manifest your vision?
DESIGN WEB
Recognize how challenges are also opportunities. Look for obstacles that may slow down or halt your progress. See how your inner stories of limitation can be traced to self-limiting beliefs and reframe these in positive ways. Identify your core challenges and core reframes.

Be aware. What can overcome potential problems in realizing your vision?

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DESIGN WEB
PATTERNS

Cultivate pattern literacy. Anchor in positive patterns with routines and rituals. Disrupt patterns regularly to keep them fresh. Work on your upward spiral and avoid spirals of erosion. Identify your beneficial core routine.

Be literate. What can reinforce healthy patterns towards accomplishing your vision?

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IDEAS

Make room for unexpected manifestations. Create inspirational contexts for your design processes. Get feedback and generate think tanks with allies to invent new possibilities. Bring creativity and non-linear thinking into your brainstorms. Identify your core inspiration.

Be extraordinary. What can generate new ideas for successfully moving towards your vision?

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DESIGN WEB
Look to nature’s operating system to inform your design. Come up with new principles from your own observations of nature. Accept insight from the way the world works and go with the flow of how energy is already moving. Identify your core strategy.

Be guided. What permaculture principles can you apply towards the successful realization of your vision?

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Design: Alexa Spaddy www.alexaspaddy.com
Forge a connection between each anchor point and the different dimensions in your design. Bring together your needs, functions and intentions. Create different systems that can help you achieve your needs, fulfill your functions and achieve your intentions. Identify your core insight.

Be decisive. What can you do to unify your design into a holistic approach for turning your vision into reality?

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DESIGN WEB
ACTION

Change the language for your core function from a person, place or thing (noun) to an action you can take (verb). Write out your action plan and list the steps to do in sequence. Organize yourself and be proactive in completing smaller goals leading to larger achievements. Identify your core move.

Be effective. What can you do in order to move towards your vision?

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DESIGN WEB
MOMENTUM

Build a bridge between where you are and where you want to be. Harness the power of achievement and success to increase your drive. Find healthy ways to stay energized and passionate along your design journey. Identify your core boost.

Be powerful. What can you do to fuel the journey towards your vision?

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DESIGN WEB
Find the keys to help unlock your design. Express gratitude to your life team. Use creative ways to give back and affirm their involvement. Take time for self-love and to celebrate your small successes. Identify your core gratitude.

Be thankful.
What can you do to express appreciation for the process of working towards your vision?

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Open up your design by cycling through different design web anchor points. Apply past learning to evolve your approach to creating the next level. Replicate successes. Consider how you could teach others how to do what you are doing. Identify your core lessons.

Be thoughtful. What experiences from your past can inform you of the next steps towards your vision?
DESIGN WEB
Contemplate the best path forward. Regenerate your energy, health and passion. Take time away from the design process. Meet the needs of your design in ways that replenish your energy. Make space for things unrelated to your next level design. Honor the present moment. Identify your Core Recharge.

Be still.
How can you move towards your vision in fun, creative and rejuvenating ways?
GROUNDING
GARDENING
The microbes live near the surface. Nature adds to the top. Put finished compost on top of the soil and leave it alone.
ADORE THE WEEDS

They grow without attention in poor soils, even in droughts and are richer in nutrition than most superfoods. The deeper rooted weeds bring sub-surface minerals to the top of the soil when they die and rot.

Source: Susun Weed www.susunweed.com
Envoy: Delvin Solkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
Design: Alexa Spaddy www.alexaspaddy.com
GROUNDED GARDENING
ABANDON THE ROW

Rows are for hoes. Let your paths curve and your rows meander. Ah.
HARVEST WEEDS

Harvest Instead of Weeding. Once you have established your favorite weed crops intermingled with your cultivars, you need only harvest. But you do need to harvest the weeds or they will take over.

Source: Susun Weed www.susunweeder.com
Envoy: Delvin Jolkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
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KEEP THE RABBIT

It turns vegetable waste into savory protein. Its droppings are golden for compost. Do leave them a midden pile.

Source: Susun Weed www.susunweed.com
Envoy: Delvin Jolkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
GROUND Gardening
WARD OFF PESTS

Ward off pests with herbs. Grow aromatic herbs in among your cultivars to banish many insects. Try sage, rosemary, sweet annie, tansy, rue, and garlic.

Source: Susun Weed www.susunweed.com
Envoy: Delvin Jolkinson www.visionarypermaculture.com
Art: Brenna Quinlan www.brennaquinlan.com
GROUND Gardening
Perilla frutescens, the beefsteak plant, is a self-seeding annual that is longer-lived than most perennials. The flat-leaved varieties taste the best in salads, pestos, vinegars, and honeys. Medicinally, it is identical to tulsi, holy basil, and comes, like tulsi, in both green and purple varieties.
GROUNDING
GARDENING
ROT THE NETTLE

The only fertilizers your garden needs are worm-enhanced compost and nettle rot liquid. Stuff a trashcan or compound bucket with coarsely chopped nettle. I use the stalks that remain after we pick off the leaves to use in soup. Fill the container with nettle, then fill with water, cover and let sit until it reeks, at least two weeks. To use, dilute with 3 parts water and pour on the plants you love, the plants you want to thrive, and the plants you want to flower and fruit.

Source : Susun Weed www.susunweed.com
Envoy : Delvin Solkinson www.visionarypermaculture.com
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Incorporate guidelines that encourage beneficial relationships, honour life and uphold freedom. Having deep moral values of love and caring reflect the higher capacities of conscious humans. Follow a code for respectful behaviour.
ATTITUDES
ATTITUINAL PRINCIPLES

Perspectives inform analysis, design and implementation. Bring new creativity to help refine and clarify possibilities. Practice ways of being that raise awareness.

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STRATEGIC PRINCIPLES

Create ethical, effective and efficient design systems. Safeguard nature and manage resource use appropriately to minimize environmental impact. Apply protocols for working with nature.

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Cultivate deeper understanding of Nature’s Design System. Ecological approaches support and sustain life processes. Practice permaculture and wisdom from the Earth.
DESIGN METHODS

Specify design processes that drive holistic decision-making. Applying intelligence and creativity can yield regenerative solutions. Employ techniques and methodologies for designers.

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GAMIFYING CURRICULUM

Oracle
- Draw one or more cards to address a question or design site.

Microgallery Display
- Spread the cards out into a mandala or shape.
- Read some of the cards out during the process.

Poetic Ring
- Give those present an equal amount of cards.
- Stand in a circle.
- Alternate reading the title of the cards one by one.
METHODS
Explore the Principle
- Groups of two are given one or two cards each.
- They are given time by themselves to read the card and discuss how it relates to their life or a design site.
- Could be asked to give an example from the natural world and social world.
- The group gets back together and everyone is given a chance to share the name of the principle and one short example of how it may be applied.
METHODS
Card Guilds
- Spread out all the cards with the text side facing upwards.
- What cards may work together in guilds to fulfill complimentary functions, or meta functions the individual principles could not achieve on their own?
- Are there cards that may be put into a sequence so they create a succession?
- Work individually or as a group to match up cards into principle guilds.

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CORE GRATITUDE

Awesome thanks to my core teachers: Patricia Michael, Rosemary Morrow, Looby Macnamara, Robin Clayfield, Jude Hobbs, Tom Ward, Robyn Francis, Starhawk, Bill Mollison, David Holmgren, Scott Pittman, Larry Santoyo, Toby Hemenway, Mark Lakeman, Susun Weed, Chris Evans, Geoff Lawton, Michael Becker, Doug Bullock, Sam Bullock, Jason Gerhardt, Jenny Pell, Penny Livingston-Stark & Peter Cow.

Awesome thanks to my core team: Grace Solkinson, Sijay James, Kym Chi, Dana Wilson, Martin Bridge, Annaliese Hordern, Tamara Griffiths, Brenna Quinlan, & Alexa Spaddy.

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DESIGN
A free offering to the world community as a digital download. Also available as a printed deck direct from the source.

www.visionarypermaculture.com/designdeck
Delvin Solkinson is the Diploma Program Co-Ordinator for the Permaculture Institute
www.permaculture.org/diploma

This work was created with the support of the Permaculture Institute.

www.permaculture.org
Delvin Soltkinson created this as a core project in a number of learning journeys including:

- Permaculture Design Diploma with Permaculture Institute
- PDC, Diploma and Masters Degree with Bill Mollison & Permaculture Institute (Tasmania)
- Permaculture Design Diploma with the Permaculture Association (UK)
- PDC and Teacher Training with Geoff Lawton & Permaculture Research Institute
- Experimental, non-accredited pilot project Doctoral Degree with Larry Santoyo & Permaculture Academy

Delvin is currently doing a experimental, non-accredited, pilot project PostDoc in Permaculture Education with the generous support of Larry Santoyo and the Permaculture Academy.
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