

Permaculture Principles

Solutions Game



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Available at :

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INSTRUCTIONS :

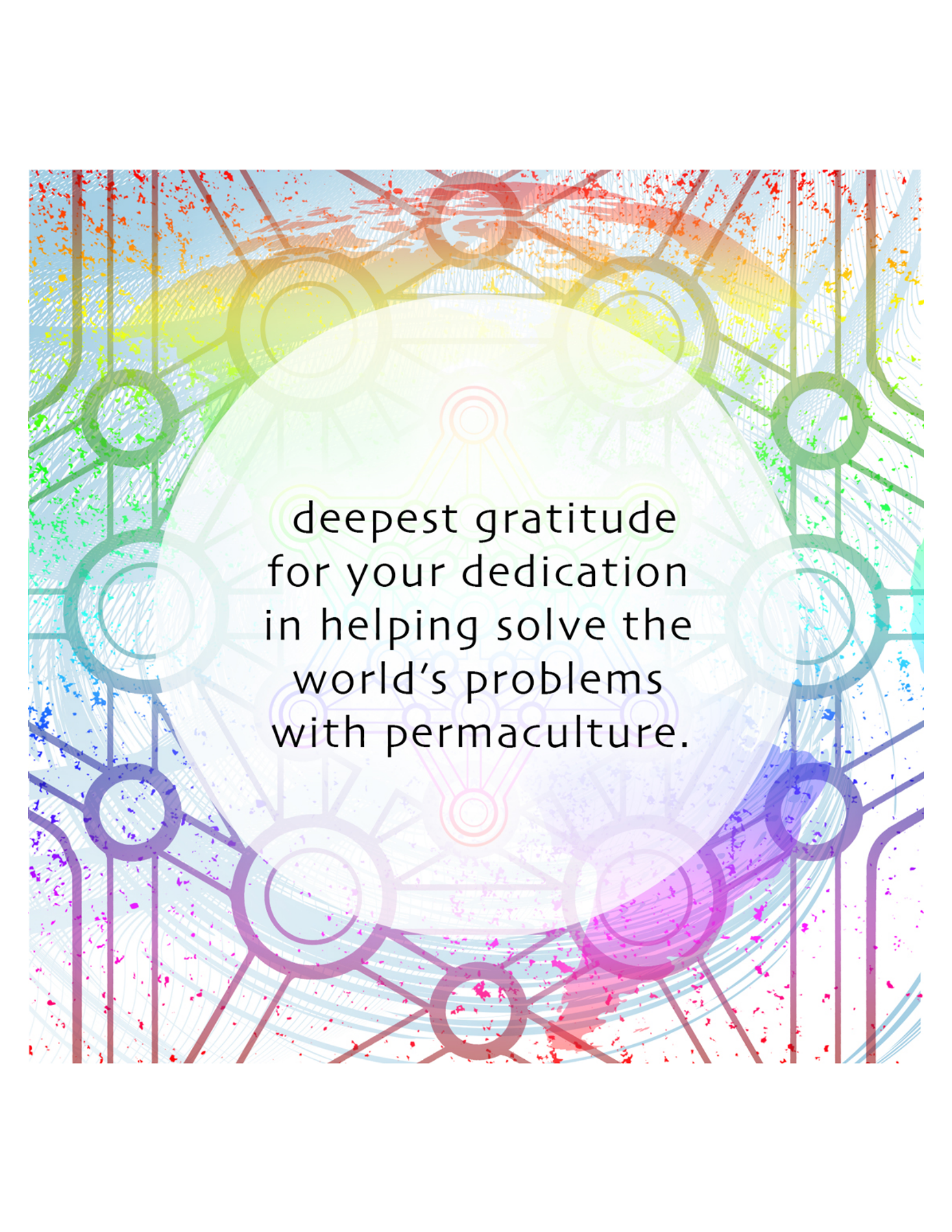
1. Randomly distribute the cards to participants.
2. Find the person who shares the same number as you have on your card.
3. One card holds a problem and the other holds one of the Permaculture Principles.
4. Discuss with your partner how that principle could solve the problem you have, use specific, applicable examples.
5. With your partner try to brainstorm other problems your principle might help solve.
6. Share your findings with the rest of the group.

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deepest gratitude
for your dedication
in helping solve the
world's problems
with permaculture.

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VALUE DIVERSITY :

Diversity creates strength, resilience and is integral for long lasting systems..

Each and every being has an important place within the circle of life. It is the differences between entities that brings the greatest learning and growth
In what ways can you increase the diversity in your designs?



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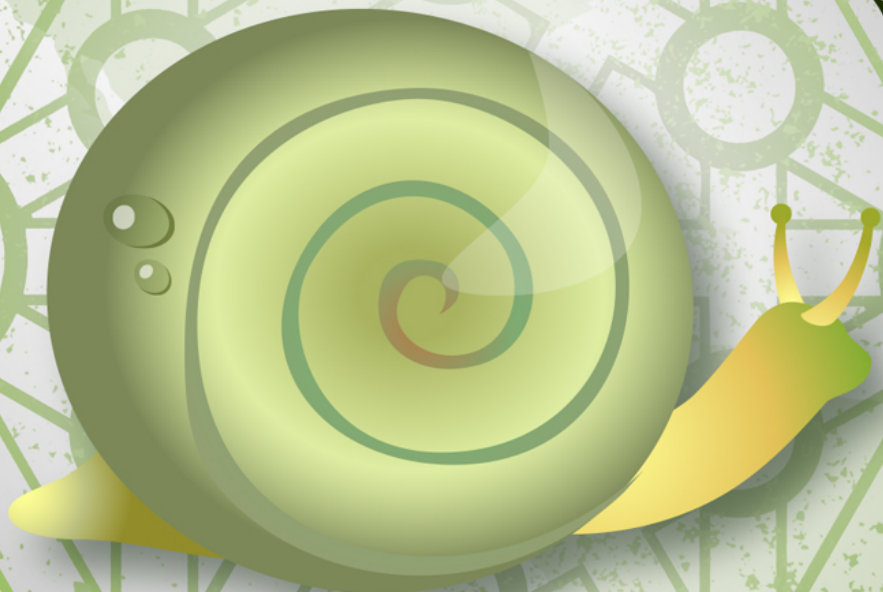


MAINTREAM EDUCATION :

Commonly, the mainstream education uses transmissive teaching methods which can leave many intelligent students who learn differently are left in the dark, feeling disempowered and under valued. How can we create more diversity in education to create learning possibilities for people of different abilities, allowing them to recognize their potential?



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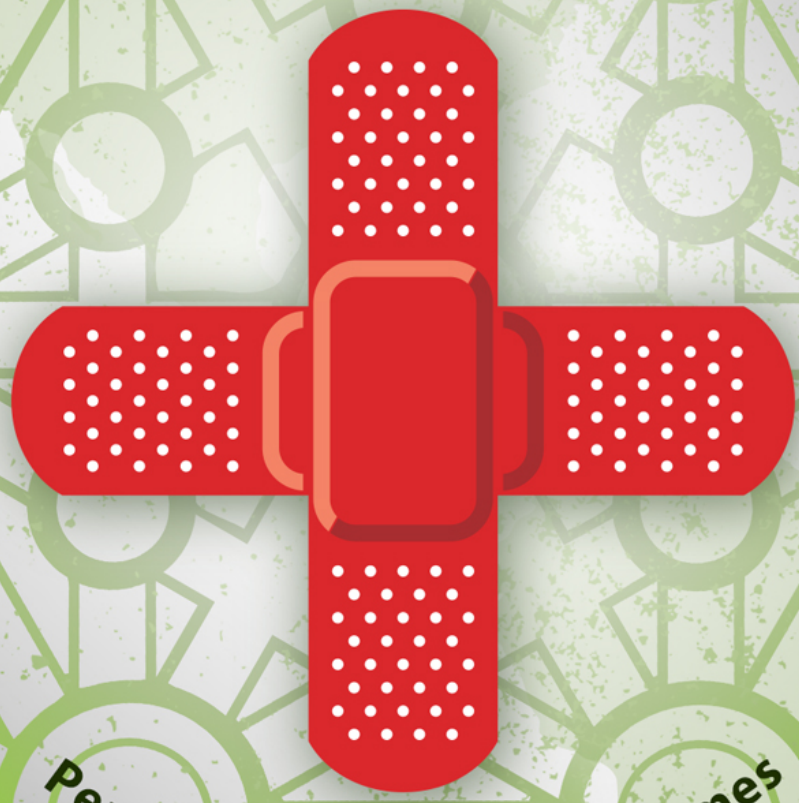
SLOW SOLUTIONS :

When facing challenges, try not to get ahead of yourself. Moving slowly allows for us to make more conscious decisions that make the best use of resources and time. It may take longer to implement or work, but small and slow solutions offer the longest term sustainability for our systems. Quick fixes are often short term and can result in larger issues overtime.

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HEALTH CARE SYSTEM :

Many healthcare systems are lacking in beneficial support and quality care. Some people find themselves unable to get the health support they need due to budget and staffing cuts, or lack of health insurance. People can be misdiagnosed or prescribed incorrectly. What steps can we take to improving the current healthcare system, or what alternatives can we seek to benefit our health more?

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BE ADAPATABLE :

Expect the unexpected and be flexible.
Natural systems, change constantly.
Consistently observe your system and
be adaptable to the unexpected changes.
Allow for every surprise to become an
opportunity to get creative and adjust
your lifestyle to be more intune with
the natural environment.
Get comfortable with being
uncomfortable.

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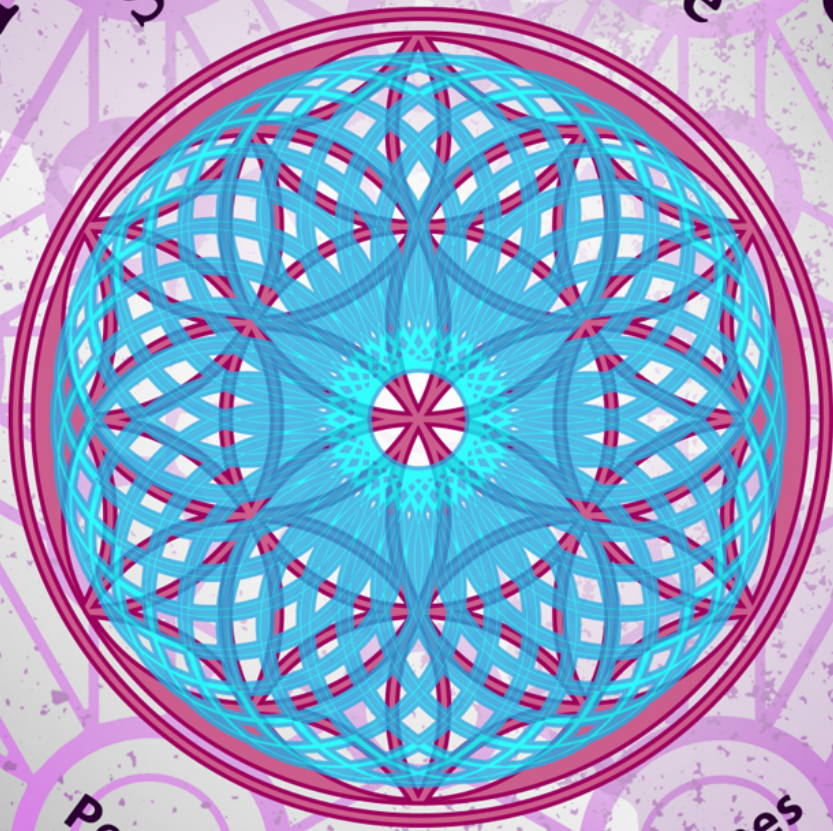


NATURAL DISASTER

Natural disasters are unpredictable and can easily take us by surprise. Weather systems have taken out large populations and had huge impacts on communities and systems. What can we learn from our past experiences with natural disaster? How can we accept feedback from our systems to create long term plans that help us become more resilient?



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INTEGRATE :

Recognize, encourage and create beneficial relationships. Seek ways to integrate all elements to create a well functioning whole. Instead of removing elements, learn their functions and how they benefit the system. Implement elements that work together and support each other.

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DISCRIMINATION :

Discriminatory practices, traditions and policies still take place everyday in more places than we may realize. Prejudice can be expressed in subtle and obvious ways, and can be unconscious. How can we create less discrimination by recognizing and encouraging more beneficial, inclusive relationships in our communities?

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MULTIPLE FUNCTIONS:

To maximize efficiency and space, each element in a design should perform many functions. Choose your elements based on the functions they fulfill and place them according to where they can offer the most diverse role in the system. Be creative in stacking elements both in space and in time. Connect the functions of your elements with the needs of your design.



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GMO :

Genetically Modified Organism's can have detrimental effects by depleting our soils of nutrients and may have long term effects on our health. GMO seed from large corporations effects the soverignty and diversity of seeds. What alternatives exist that can increase seed diversity, create yields, make our soil rich and keep our bodies healthy?



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PRODUCE LESS WASTE :

In nature, there is no waste, only resources. In our systems, unused resources become pollutants. Find ways to reuse or repurpose existing items in your home before sending to the waste stream. Use reusable packaging, or no packaging whenever possible. Consciously consider before purchasing items. Do you really need it? Can it be used multiple times or in multiple ways?

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OVER CONSUMPTION :

With so many flashy and new things being offered in the world, it can be easy to get caught up with consumption. When we consume or purchase more than we really need, we also create more potential waste and pollution in packaging, resources or discarded items. How can we consciously consume less in our lives or systems?



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CATCH AND STORE ENERGY :

Multiple resources are freely available that help to sustain our systems., when we find ways to catch and store the energy of these resources, we maximize the potential and efficiency of our systems. Save time, energy and money by using and storing resources within your system.

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WATER QUALITY :

Oil extraction, litter and pollution all have an effect on our water quality. Fluoride and Chlorine treatments are also becoming concerns, as is water access in certain places in the world. How can we improve the quality of the water that directly enters our systems and take responsibility for the water quality that flows from our systems into the greater community?



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BIOLOGICAL RESOURCES :

Use of renewable and biological resources are sustainable and regenerative. They make a lower impact on the environment and often even help to make it better. Non biological resources are degenerative, can have a larger negative impact on our eco system and are often toxic or dangerous to use. Use natural and organic regenerative resources whenever possible.

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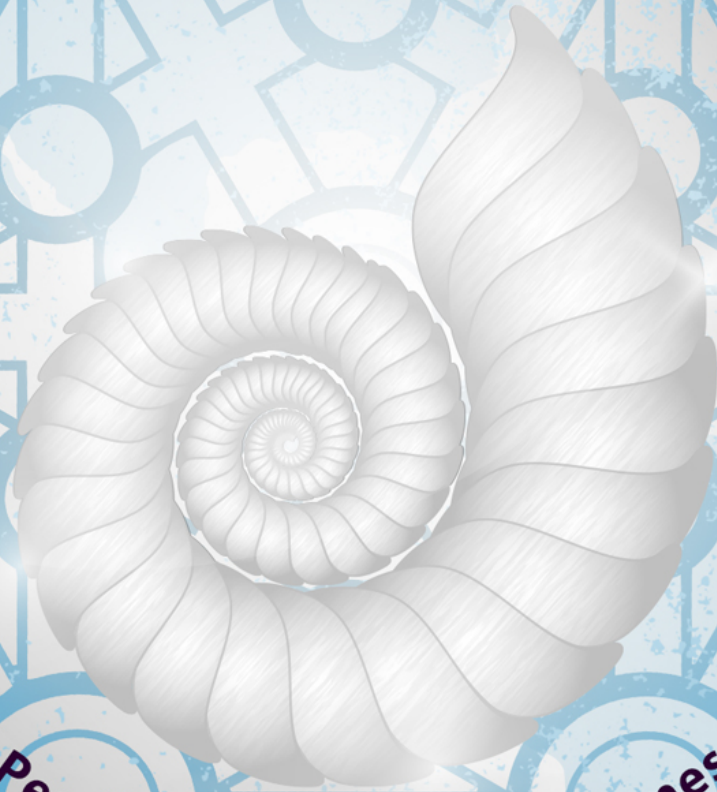
PEAK OIL :

Oil is a degenerative resource used in the production of many things we use daily. It is in many things we use including gasoline, plastic and electronics. Not only does the extraction of oil harm the environment, it is also running out! How can we use less oil in our day to day lives? What are some regenerative resources that we can use as alternatives to oil?

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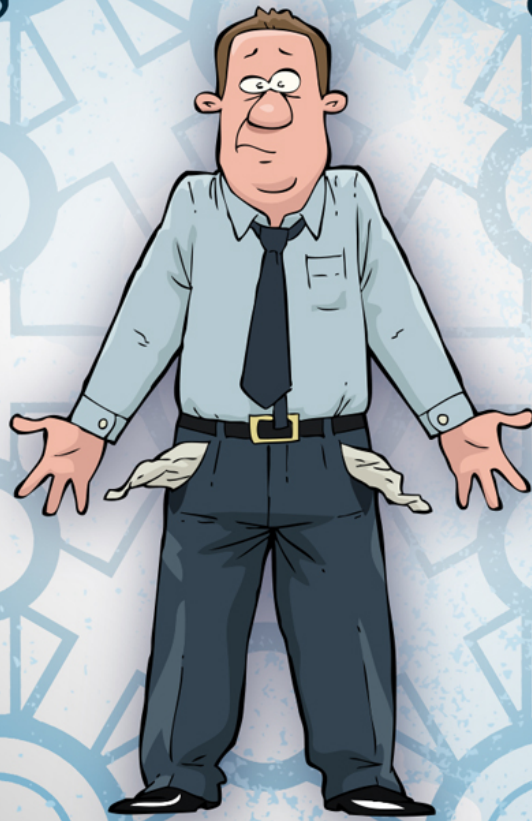
MAXIMIZE EDGE :

Edges are the vibrant places where multiple systems meet and merge. Use edges to create biodiversity, micro climates and habitat for beneficial organisms. and to build resilience and abundant communities. Observe the edges to see beneficial relationships and potentially harmful ones. Hanging on the edge can bring new perspectives, ideas and can fuel positive change.



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POVERTY

Many people are effected by poverty. The poverty rate in Canada as of 2017 was 13.9%. Often, poverty exists because there is an imbalance in the system. Cost of living increases while minimum wage stays the same and many struggle to make ends meet. How can we begin to find a better balance between all people? How can resources be more accessible to all people in our communities?

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THREE JEWELS :

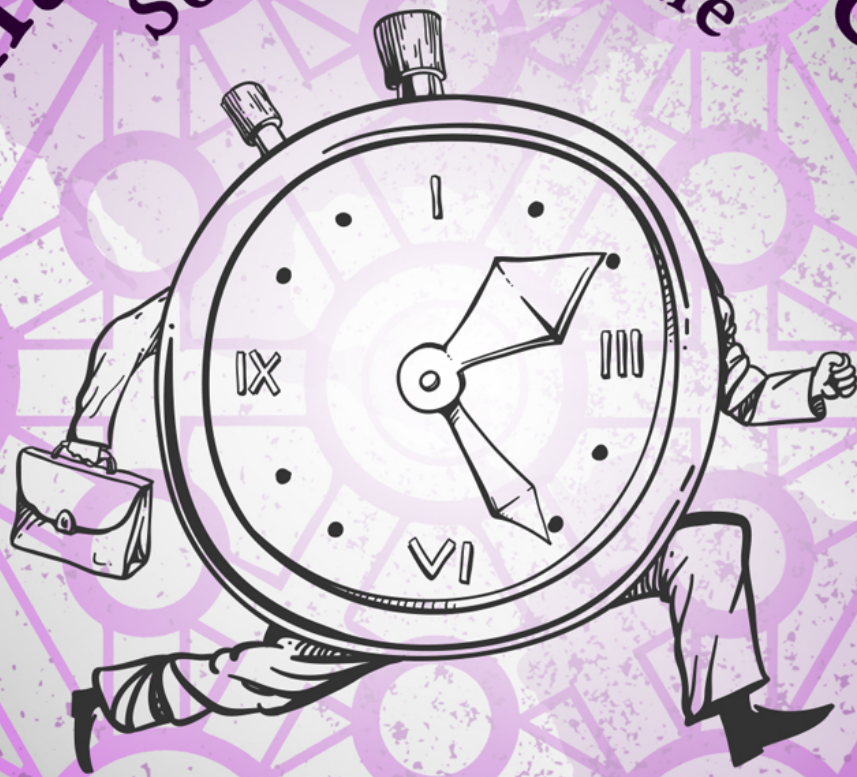
OBSERVE: Ground in your experience. Be present in the moment, be open to your vision. This is not the time for analyzing. Observe using all your senses and document.

INTEGRATE: Analyze and interpret observations. Recognize patterns, relationships and integrate your learnings. Create many designs options.

APPLY: Finalize a design plan. Slowly and consciously implement. Continue observing, accept feedback and modify as your living system changes.

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NOT ENOUGH TIME :

As technology becomes more prevalent, it seems that everything moves faster and there isn't enough time to "do it all" . There is a never ending to do list and there are not enough hours in the day . When we rush we lose sight of the big picture and can get stressed or overwhelmed. How can we slow down and take more time to do the things we love and that benefit our wellbeing?



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DESIGN FROM PATTERNS:

Observing the bigger picture helps us to understand how to work the smaller details. Document the larger patterns you recognize over space and time in your system. Then, consciously design the details that will support your system to thrive and help protect it from potential problems.

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CLIMATE CHANGE :

The Climate has been changing drastically over time. As our climate changes, our environment has been greatly effected. Melting ice caps, severe weather changes and food security concerns can all result from climate change.

In what ways can we recognize patterns in our climate to become more prepared?

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EMBRACE MISTAKES :

When we recognize our mistakes, we are merely exploring new territory and accepting feedback in our system. Through our mistakes, we are able to learn and create more effective design. Rather than coming down on yourself or others, see if you can find ways you can turn mistakes into opportunities for growth and change.

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ECONOMIC COLLAPSE :

It is becoming increasingly clear that our economic system is in big trouble. Many countries are facing big monetary issues and there is great fear of what will happen if the national economy fails. When the economic system fails, everyone is effected. How can we in the face of this economic failure build more resilient communities?

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