

# Introduction



## The 4 Winds Approach to Revolution



By The Black Panther Party and The Panther Party

Before you dive into this plan and get overwhelmed with questions within yourself on how to implement it, understand that this is not as daunting as it may seem and it's all voluntary. This only works if people want to do it and participate in it. We are calling this **UNITED SOVEREIGNTY**.

It's a system in which we, the lower class citizens of the world, stop fighting and competing against each other over scraps from the elites, and start uniting and taking care of each other in the face of evil rulers and oligarchs who intend to enslave us and our families.

This plan is not THE solution. It is to inspire solutions and it welcomes anybody to adapt it, evolve it, reform it, update it and refine it to meet the needs of all communities. It can all start with the simple step of holding a meeting with your neighbors.

And here's a simple example on how to get the ball rolling:

1. Send out an announcement (*with your contact info*) to your neighbors for a potluck/meeting/get together/BBQ/family event to as many people in the local neighborhood as feasibly possible and allow for anybody to volunteer in the logistics. (*This is going to be daunting but somebody has to step up and make the first move.*)
2. Tell everyone why they're there and then open the floor to an honest conversation with everyone present about what everyone needs in their life. Remember - the first priority is the safety of our loved ones, so the self-defense capability of this neighborhood is a must here.
3. Then open the floor to anybody present who may have solutions to the needs just expressed. (*This is where the magic happens.*)
4. Watch the chemistry and cross-pollination of ideas and skills between these neighbors organically fall into an organized structure that's unique to your neighborhood as they brainstorm, document and assign roles based on the enthusiasm within everyone who suddenly realizes how valuable they truly are to their community.
5. Schedule the next meeting and get to work!

**With that out of the way... let's get to the plan.**

# Foreword – All Power to the People

Dear family,

Understand this: the only way we can ever escape the chains of these sick elite (*who we call “the Epstein Class”*) which preys on our families, our friends and our children is not by begging them for freedom, not by asking them to treat us better, not by voting in corrupt elections for lying puppets owned by the ultra-wealthy... but by building a whole new power—outside of their permission, outside of their control, and outside of their reach. This document you hold is not theory for the bookshelf—it is a manual for how we get out of this, for organizing, for surviving together in the face of what’s coming and how to take our world back.

For too long they have divided us—by race, by color, by religion, by party. They keep us fighting each other so we don’t fight them using bots online and paid trolls in front of cameras. They’ve been tricking us into war after war so they can get rich off of the blood that we shed for them and the blood of our soldiers sent to fight for their portfolio. They use our hard-earned tax money to kill innocent children in Gaza and make secret deals with other corrupt foreign governments. They create a boogeyman for us to fear and then provide their tyranny as the solution.

They give us the illusion of choice by providing two clownish political parties that play good cop and bad cop, but both are owned by the same old men. That game is rigged, and it’s time to stop playing.

The elites have the guns, the money, and the government in their pocket. But we got the people. And when the people move together, when we feed each other, defend each other, strategize together, and teach each other—we don’t just resist these evil men, we take back what they stole from us...EVERYTHING they stole from us.

This plan lays out **The 4 Winds Approach**—a step-by-step method to building a solid network of sovereign communities in every neighborhood, and to link them together for a force that can withstand anything they’ll try and throw at us and infrastructure to fight back. Read it knowing that your freedom, your children’s safety, and your community’s survival depend on how fast we can drop the divisions that were forced on us, how fast we can join forces, and how strong we can build our communities up in face of depraved men who are planning to tear them apart as you’re reading this right now.

**This plan contains a breakdown of the following:**

## **Forewarnings**

The enemy will try to divide, infiltrate, and buy us off. This section teaches us how to keep power decentralized and incorruptible.

## **Sovereign Mutual Aid & Community Service**

Neighbors caring for neighbors until no one is hungry, cold, or forgotten.

## **Community Health Depots & Clinics**

Healthcare as a right, built by the people, for the people—because the system was never meant to heal us.

## **Sovereign Self-Defense**

Every household must have not just small arms, but knowledge and supplies to disable any hostile force that would try to invade or block our freedom of movement.

## **Veteran Integration**

Those trained by empire return their skills to the people—no longer fighting wars abroad, but defending their communities at home.

## **Low-Tech Sovereignty & Fabrication**

Every neighborhood becomes a workshop, able to repair, build, and fabricate what it needs without dependence on elites.

## **Communication & Code Systems**

Secure and creative language systems that connect us under surveillance, ensuring unity even in blackout.

## **Sovereign Ambassador Program**

Building bridges across neighborhoods, races, and cultures—because unity is the weapon the elites fear most.

## **Coordinated Defense & Intelligence**

Communities linking into networks of rapid defense, reconnaissance, and asymmetric tactics that outthink oppressive forces.

## **Innovation Cells & Supply Chains**

People's laboratories and underground supply lines that make us independent of the elite-controlled markets.

## **No One Left Behind**

The revolution is not real unless it uplifts the most vulnerable—the poor, the sick, the forgotten. Every community takes responsibility, one life at a time.

## **Food and Water**

Guides for growing, preserving, and protecting life's essentials—so no community can be starved into submission.

## **Closing Word**

This is not reform, this is revolution. This plan is the people's declaration that we don't need the elites, their politicians, or their permission. We need them being bars.

Drop the divisions, drop the illusions, and pick up the tools of freedom. A community that can feed, defend, heal, and fabricate for itself is a community that no empire can break.

**You can kill a revolutionary, but you can't kill the revolution. All power to the people.**

# The 4 Winds Approach to Revolution

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## The Charter

### First Priority: Protecting Our Children and Our Vulnerable from a Depraved and Predatory Ruling Class

Our first priority is ensuring the wellbeing of those we love and protecting our children from a depraved and predatory ruling class, which includes the entire political, state, federal, corporate, and institutional apparatus of powerful elites who have signalled their malicious intent.

#### How do we do that?

In the face of an increasingly powerful and sadistic ruling class in the United States—comprised of soulless oligarchs with the overt intention of monopolizing all resources, businesses, and world economies, while enslaving the population into a dystopian prison-planet—people are crying out for revolution. Yet there has been no tangible, practical solution.

This roadmap and guidebook is designed to change that. It will be distributed across the United States and provide every American with instructions on how to build robust micro-communities, starting with groups of four houses or residences called *Sovereign Communities*.

Each Sovereign Community forms a **Survival Council**, which determines what each residence is lacking and works collaboratively to fulfill one another's needs. Every residence must maintain a one-year supply of emergency food and water, along with sustainable systems to grow their own food and collect their own water. The Sovereign Community will establish a **Community Treasury**, contributed to by each residence, for large-scale purchases or hardship relief—decided through a democratic vote.

They will also create a **bartering or trade system** and collectivize where necessary to break dependence on the compromised government-corporate supply chains that will likely be used as tools of control. A streamlined **communication system** will be developed for each Sovereign Community, including a code language unique to that community.

The community will also implement a **self-defense mechanism**, ensuring each residence is armed and ready to respond to calls for backup or mutual aid in emergencies.

Next, Sovereign Communities will **link with nearby communities** to form a *Sovereign Neighborhood*. This larger body will collectivize and establish a dynamic, adaptable **self-defense and sustainment system**, with combat veterans serving as advisors. Residences that harbor tension or animosity toward each other can form or join separate Sovereign Communities to avoid internal friction.

Each Sovereign Neighborhood will call upon **able-bodied, combat-capable volunteers** to serve in a self-defense corps. Those unable to fight may serve as support personnel. If necessary, these volunteers can be compensated using funds from the neighborhood treasury, which

residents contribute to voluntarily. Each neighborhood defense corps can conduct regular **intelligence meetings** with nearby neighborhoods to establish a broader defensive support network.

Sovereign Neighborhoods will then **form a national network**—preferably with communities of varying racial and demographic makeups—to foster a spirit of cross-cultural cooperation, completely independent of the ruling class and capable of organizing for independence in a sustainable way.

Each neighborhood will send **ambassadors** to meet regularly with representatives from other Sovereign Neighborhoods of different cultural or racial backgrounds. These gatherings will build lines of communication, cooperation, and mutual aid. They will also prioritize establishing relationships with **local Native American tribes**, specifically outside the influence of corrupt tribal councils that cooperate with federal authorities.

Each Sovereign Neighborhood will build an internal **trade or mutual aid network**, with listings posted on secure community boards. Monthly meetings will be held with representatives from each Sovereign Community to discuss organizational matters, needs, developments, and plans. These reps will then relay information back to their respective communities.

Sovereign Neighborhoods will also organize to provide **free services** via skilled volunteers or treasury-funded positions—services such as child care, medical exams, vehicle maintenance, self-defense training, and mental health counseling.

A **sustainable food system** is essential. Each neighborhood will develop a **community garden** or support each residence in growing their own food using methods like underground, above-ground, or hydroponic gardening. Sovereign Neighborhoods must also develop **low-tech methods** for thriving independently of advanced technologies or fragile industrial systems. The ability to fabricate, machine, and produce essential supplies locally is key in the event that national infrastructure collapses. Just like our ancestors used to live.

But we, as the people, cannot strive only for the security and prosperity of ourselves and our neighbors who are capable of contributing to one another, unless we also acknowledge that there are those suffering—whether physically or mentally—to such a degree that they are unable to contribute anything at all. Are these downtrodden human beings any less our neighbors? No. In fact, they are the very neighbors to whom we must commit the most effort and compassion.

Therefore, it must be a priority that, while we are still capable of forming thriving communities, we take care of the most vulnerable among us. Mathematically speaking, if each Sovereign Community were to raise just one person out of extreme poverty, and Sovereign Communities began springing up across the nation, we could collectively lift every person struggling with homelessness out of destitution. Then, and only then, could we truly say that we left no one behind as we built this massive revolution against the elites who made such poverty possible.

All of this will be conducted **entirely outside the authority of federal, state, city, or corporate governance**. Each neighborhood will establish an **underground railroad system** to protect and transport vulnerable residents and volunteers who may be targeted by government authorities.

The **end goal** is to create a *parallel society and economy*, free from elite control, which gradually starves the ruling class of their power and influence over the population. When their hard power dissolves, we can build a new world—one that frees humanity from slavery, fear, and poverty, and realigns human society with nature and sustainability. A future for our children marked by health, safety, and above all: freedom.

Not just freedom from physical slavery, but freedom for personal growth. Freedom to love and worship. Freedom to be healthy. Freedom from mental oppression. Freedom to travel. Freedom from tyrants. Freedom from discrimination. Freedom to live in justice.

The good news is: the ruling class is small in number compared to us. They have hoarded wealth, technology, and means of production that rightfully belong to the people. Once these resources are reclaimed and liberated, the illusion of scarcity—used to divide us and pit us against each other—will vanish. With no monopolies over resources, we will no longer need to compete in a toxic, desperate struggle for survival. We will rise—together. All power to the people!

## **Forewarnings: Psychological Operations, Elite Sabotage, Co-Option, and the Dangers of Centralization**

Before diving into this guidebook, understand this truth:

**The only way this plan works is if we are all aware that the ruling class will do everything in their power to dismantle, discredit, hijack, or redirect it.** They fear decentralized, sovereign communities because such networks cannot be easily controlled or exploited.

**The only way this plan works is if we stay vigilant against psychological warfare, infiltration, and co-option by the ruling class.** History proves that every grassroots attempt to break free from elite control has faced sabotage—not only through brute force but through subtler, deadlier means designed to turn revolutionaries into compliant subjects once more.

The following are critical forewarnings that must guide all actions:

- 1. Infiltration and Agent Provocateurs:** Operatives will pose as allies, stirring internal chaos, pushing reckless violence, or spreading false intelligence to fracture trust.
- 2. Hijacking and Forced Centralization:** The state and corporate entities may attempt to absorb or regulate sovereign movements, creating centralized structures they can monitor, influence, and dismantle. Centralization Attempts: Governments, NGOs, or corporate fronts

may try to “adopt” or “lead” sovereign community initiatives, turning them into bureaucratic, controlled programs that strip away true independence.

**3. The Trap of Liberalism:** Political forces will offer reforms, committees, or dialogue promising change within the system. This path is designed to pacify resistance, keeping the people trapped in endless compromise while power remains with the elite.

**4. False Unity through Compromise:** Attempts will be made to pressure sovereign communities into “working with” corrupt state agencies or corporate NGOs under the illusion of progress. Every compromise surrenders independence.

**5. Assimilation Programs:** Government or corporate-backed initiatives will offer funding, recognition, or resources to bring sovereign communities under their control, stripping them of their revolutionary purpose.

**6. Dilution of Vision:** Controlled opposition groups will water down the mission, turning radical liberation into harmless charity projects or lifestyle branding that threatens no power structures.

**7. Fragmentation through Identity Politics:** Elites will exploit racial, religious, and ideological divides, pitting communities against one another to destroy solidarity from within.

**8. False Alternatives and Controlled Opposition:** Elite-backed organizations will offer seemingly similar movements that claim to be for the people but are designed to pacify and redirect revolutionary energy into harmless channels.

**9. Co-Option of Leaders:** Charismatic figures can be bribed, threatened, or flattered into abandoning the cause or leading it into compromise and submission.

**10. Legal and Regulatory Traps:** Authorities will push new laws, permits, and codes specifically designed to criminalize or restrict sovereign living, making survival itself seem illegal.

**11. Stigmatization and Smear Campaigns:** State-aligned media will label sovereign networks extremist, cultish, or criminal to isolate and delegitimize them in the public eye.

**12. Surveillance and Digital Entrapment:** Every digital channel will be monitored, infiltrated, and weaponized to track leaders, sow paranoia, or fabricate evidence to justify crackdowns.

**13. Fear and Demoralization:** Psychological operations will attempt to convince the people that resistance is hopeless, inevitable defeat is near, and compliance is the only path to safety.

**14. Weaponized Scarcity:** Elites will choke off supply chains, medical aid, and access to land to force sovereign neighborhoods back into dependency.

**15. The Peril of Centralization:** Any attempt to create a single, top-down structure for this movement will invite corruption, infiltration, and eventual destruction. Only decentralized, autonomous networks can outlast tyranny.

#### **Key Principles for Survival:**

- Never surrender decision-making to state, corporate, or NGO entities.
- Reject half-measures and reforms that keep elites in power.

- Maintain strict decentralization—autonomous cells cannot be dismantled as easily as centralized organizations.
- Trust is built slowly, but once betrayed, it must not be given twice.
- Resist dilution: this is not a social club, charity program, or branding exercise—it is a revolutionary lifeline.
- Expect every trick in the elite's book. Counter every trick with unity, awareness, and an unbreakable refusal to assimilate.

**This movement can only succeed if it refuses to be tamed. Decentralization is survival.**

**Compromise is surrender. Revolution is the only path forward.**

# Four Winds Organizational Structure

*“Carving out a commune in the central city will involve claiming certain rights as our own - out front. Rights that have not been respected to now. Property rights. It will involve building a political, social and economic infrastructure, capable of filling the vacuum that has been left by the establishment ruling class and pushing the occupying forces of the enemy culture from our midst. The implementation of this new social, political and economic program will feed and comfort all the people on at least a subsistence level, and force the “owners” of the enemy bourgeois culture either to tie their whole fortunes to the communes and the people, or to leave the land, the tools, and the market behind.”*

- George Jackson, “Blood in My Eye”

## Goal

We are essentially attempting to create a communalistic way of living, one that offers an alternative social and economic structure to fill the void left by the individualistic capitalist lifestyle.

We build this in our own neighborhood. We declare that we have certain rights. Those rights are as follows:

- The right to food and water. We as humans need these to live, and as long as we work together, we make sure no neighbor goes hungry.
- The right to organize. We are building a structure to protect and provide for each other, and we will consider all neighbors who join equally.
- The right to give and receive aid from one another. It is not a crime to give freely, according to our ability. We will join together as neighbors to meet each others’ needs.
- The right to shelter. This union means that our bond goes beyond just our proximity to each other, and the status of our housing. Members of our union will be given reasonable accommodation to fulfill the human need of shelter from the elements.
- The right to settle our own disputes. We will work together to assure the peace and prosperity of our neighborhood, that matters of social conflict and wrongdoing be handled by all members in a democratic fashion.
- The right to democracy. The present order of business in this country does not allow for democracy in our daily lives. We will practice democracy of our own, working as a neighborhood to solve problems together and debate among ourselves.

## Membership:

- All members of the member household should be in agreement to the new social contract.
- All member households share a small amount to a community pot used in times of need. *(This is pending. It implies elected roles, a treasurer, a president, etc.)*
- All member households should, in case of another member’s eviction, provide transitory housing if the need arises.
- All member households should be prepared to block evictions and deportations. Raids by outside forces of the state are to be disrupted, observed, documented, and

members will know their legal rights.

- All member households have an equal vote in matters of social dispute.
- All member households will submit to the results of a democratic vote, and are guaranteed the opportunity to have their viewpoint heard.

### **The New Social Contract:**

- Neighbors will not steal from each other.
- Neighbors will be expected to share in accordance with their ability.
- Neighbors will turn to each other for help when it is needed.
- Neighbors will not call the police.
- Neighbors will not lie to each other.
- Neighbors will not let neighbors go cold or hungry.

If this sounds reasonable to you, then let us work together, get to know each other, and build a strong, sovereign community according to the principles of the **Four Winds Approach**, to be outlined in this document.

# Sovereign Mutual Aid and Community Service Network

## 1. Purpose and Function

The purpose of this structure is to:

- Build a self-sustaining, horizontal economy within each Sovereign Neighborhood that **replaces dependence on state and corporate infrastructure**.
- Ensure that **no individual or household is left behind**, especially during economic collapse, state retaliation, or community hardship.
- Empower neighborhoods to **organize services for survival, health, and development** in ways that are both dignified and decommodified.
- Reinforce **collective ownership** over communal welfare while building systems that can operate **outside elite control**.

This system is the core of internal resilience. It replaces extraction with cooperation and uses existing community skills to build an economy **based on contribution, not exploitation**.

## 2. Step-by-Step Implementation Guide

### Step 1: Build a Secure Trade and Mutual Aid Board

Each Sovereign Neighborhood should create a **secure, private board or platform** (physical or digital) where the following can be listed:

- Available goods and services offered by residents (*e.g. carpentry, food surplus, clothing repair, tutoring*)
- Needed items or support requests
- Scheduled trades, group barter sessions, or open market days
- Emergency needs alerts (*e.g. someone evicted, someone sick, new family arriving*)

Boards can be posted in trusted homes, community centers, or encrypted group chats.

### Step 2: Form a Neighborhood Mutual Aid Committee

Select 3–5 trusted individuals who:

- Regularly monitor and organize postings
- Connect offers with needs
- Help manage neighborhood-wide redistribution (*e.g. excess food, medicine, blankets*)
- Create weekly or monthly reports on unmet needs or trends in the community

This committee ensures **ongoing activity, coordination, and fairness** in how mutual aid flows.

### **Step 3: Schedule Monthly Inter-Community Meetings**

Each Sovereign Community within the neighborhood sends **1 representative per month** to a **Neighborhood Council Meeting** to:

- Share updates, needs, concerns, and ideas
- Coordinate mutual aid across communities
- Discuss treasury use for high-need projects or services
- Plan trainings, gardening days, or defensive exercises
- Share warnings or security risks

These meetings rotate hosts, follow an agenda, and report back to each community via their rep.

### **Step 4: Offer Free Community Services**

Identify skilled volunteers willing to provide **regular or pop-up services**, such as:

- Childcare (*weekly rotating care pods*)
- Medical exams or alternative medicine checkups
- Car repairs, oil changes, bike maintenance
- Self-defense or de-escalation classes
- Mental health and trauma healing groups
- Literacy or tutoring programs
- Food preservation and seed-saving workshops

If volunteers can't work for free long-term, the **neighborhood treasury** can vote to **fund or stipend their efforts**, ensuring sustainability and fairness.

### **Step 5: Rotate Roles and Report Back**

Each representative or committee member must **report monthly** to their Sovereign Community with:

- What resources are flowing
- What's missing or overloaded
- What services are scheduled or needed
- What issues arose in council
- What success stories can inspire replication

This builds **continuity, accountability, and democratic feedback**.

### 3. Operational Features and Coordination Mechanisms

- **Encrypted Mutual Aid Boards:** Set up a local mesh network or use low-bandwidth, closed messaging apps to post internal trades, needs, and offers.
- **Rotating Hosts and Facilitators:** Ensure no single household or clique dominates meetings. Rotate facilitation monthly with training in inclusive process.
- **Needs Mapping Charts:** Post or print a monthly map showing each Sovereign Community's strengths (*e.g. food surplus, medics*) and needs (*e.g. childcare, batteries*).
- **Neighborhood Resource Days:** Once a month, host a block-wide mutual aid day with pop-up clinics, trades, music, and free services to build morale and solidarity.
- **Emergency Redistribution Protocol:** If a disaster or crackdown occurs, have a plan to immediately redistribute food, shelter, and volunteers within 12 hours.

### 4. Historical Inspiration and Revolutionary Context

#### Black Panther Party – Survival Programs

The Black Panthers famously built "**Survival Programs Pending Revolution**" which offered exactly the types of services Sovereign Neighborhoods aim to deliver.

These included:

- Free Breakfast for Children
- People's Medical Clinics
- Sickle Cell Testing
- Free Transportation for Seniors
- Community Watch and Protection

*"These programs satisfy the deep needs of the community, and they bring the people closer to the movement, because they show we can take care of each other better than this system can."*

— Bobby Seale

The **Sovereign Mutual Aid** model directly channels this spirit — organizing outside the state to **build real power in real lives**.

## Blair Mountain – Labor Communalism

During the coal miner uprisings of the early 20th century, Appalachian families created **de facto mutual aid societies** to survive wage slavery, corporate violence, and forced starvation.

*“When the company cut us off, we didn’t fold — we shared. Beans, bandages, bullets. We knew we were either going to live together or die alone.”*

— Miner’s oral history, 1921

*“In those hollers, we had no money and no law. But we had bread, firewood, and each other.”*

— Wife of a Blair miner

The power of the miners was not just in their rifles, but in their **networks of mutual sustenance** that allowed them to defy a corporate-run state.

## Conclusion

This Mutual Aid and Free Service structure is the **foundation of real sovereignty**. It proves that everyday people can feed, heal, and protect one another **better than any institution created to control them**. With this system in place, Sovereign Neighborhoods build a culture of **care, resilience, and resistance**.

**It is the embodiment of the Panther ethos and the spirit of Appalachian defiance—and it makes revolution livable, not just imaginable.**

# Community Health Depot and Free Clinic System

## Purpose and Revolutionary Backdrop

With nationwide cuts to Medicaid and Medicare leaving skilled medical staff laid off or underemployed, Sovereign Neighborhoods face both a tragedy and an opportunity. The tragedy lies in the deliberate dismantling of public healthcare safety nets by a ruling class that treats life-saving care as a privilege for profit, not a right for survival. The opportunity lies in reclaiming this discarded expertise and forging a grassroots medical network that serves the people directly, free from corporate exploitation and state gatekeeping.

This system defies the imposed barriers of government permitting and licensing that exist not to protect public health but to enforce monopoly control over medical services. A Sovereign Neighborhood that builds its own medical depot and free clinic takes back health sovereignty—delivering care to those most in need, powered by local contributions, volunteerism, and collective defiance.

## Step-by-Step Implementation Guide

### Step 1: Identify and Recruit Local Medical Talent

Put out a secure, community-wide call for:

- Laid-off or retired nurses, EMTs, doctors, paramedics, midwives, herbalists, and mental health professionals.
- Skilled first-aid providers, street medics, or combat medics from veteran ranks.

Vet volunteers and professionals for:

- Commitment to community well-being over profit or state recognition.
- Readiness to work within a revolutionary, non-permitted framework.
- Willingness to train others in basic care skills.

### Step 2: Establish a Health Depot Location

Repurpose a trusted community space (home, garage, basement, converted storefront) to house:

- Basic medical supplies and pharmaceuticals (donated, salvaged, or purchased in bulk).
- First-aid kits, diagnostic tools (blood pressure cuffs, thermometers, stethoscopes), and clean bedding.
- Storage for non-expired medications, herbal remedies, and natural healing supplies.

Ensure privacy and safety:

- Use partitioned areas for patient consultations.

- Secure the location with volunteer neighborhood defense presence if necessary.
- Avoid public advertising to reduce risk of state intervention.

### **Step 3: Build a Community-Funded Health Contribution System**

Set up a voluntary “health insurance” contribution fund:

- Every household contributes what they can monthly to pay stipends for local medical staff.
- Treasury funds can be allocated to high-cost emergency care, prescriptions, or medical equipment.
- Transparent accounting builds trust and sustainability.

Offer incentives:

- Guaranteed priority care for contributors in crises.
- Community recognition for top supporters.

### **Step 4: Provide Core Services**

Start with achievable, high-impact services:

- Free checkups, vital sign monitoring, and wound care.
- Vaccinations (where available and safe).
- Maternal care, prenatal counseling, and midwifery.
- Mental health first aid and trauma support circles.
- Chronic illness monitoring (diabetes, hypertension).
- Herbal and alternative medicine integration.
- Emergency stabilization until hospital transfer is unavoidable.

Over time, add:

- Dental hygiene programs.
- Mobile first-aid teams for neighborhood emergencies.
- Training workshops for laypeople in first response.

### **Step 5: Supply Chain and Stocking the Depot**

Pool neighborhood funds to bulk purchase:

- Bandages, antiseptics, over-the-counter meds, diagnostic strips, clean gloves.
- Second-hand durable equipment (stretcher, defibrillator, oxygen tanks).

Salvage and reclaim from:

- Closing clinics or hospitals.

- Donations from sympathetic medical professionals.
- Alternative medicine suppliers and local foragers/herbalists.
- Build fabrication links with Sovereign Fabrication Hubs for low-tech medical tools.

## Step 6: Navigate State Retaliation and Security Risks

Operate discreetly, word-of-mouth only, until the network is strong enough to withstand outside pressure.

Use non-state medical terminology (e.g., “Community Health Depot,” not “clinic”) to avoid immediate legal triggers.

Train volunteers in legal observation and rapid evacuation protocols for equipment and patients if targeted.

Coordinate with neighborhood defense teams for protective oversight.

## Historical and Revolutionary Context

### Black Panther Party

The Panthers ran free medical clinics in defiance of state neglect, offering sickle-cell testing, first aid, and health education while facing constant harassment.

*“We showed the people that their lives had value, even when the system said they didn’t.  
Health care is survival until revolution.”*

— Huey Newton

### Blair Mountain Miners

Rural miners relied on mutual medical aid and traveling nurses, unaffiliated with company or state medicine, to care for the wounded during labor wars.

*“When the company doctors wouldn’t see us, our wives and old vets patched us up by the firelight.”*

— Miner’s oral history, 1921

## Conclusion

A Community Health Depot is both a lifeline and an act of rebellion. It reclaims the healing arts from a for-profit, gatekeeping system that casts aside patients and practitioners alike. It shows that a sovereign people can care for their own without permission from those who profit off their sickness. It is a seed of the world to come—one where no neighbor dies for lack of care, and health is defended as fiercely as freedom itself.

# Waste Not, Want Not

## Living Lean, Sharing Plenty

Out here, we don't throw good things away. Folks used to fix what broke, share what they didn't need, and trade what might still be useful to someone else. That mindset built strong homesteads and stronger communities. Sovereign Communities aim to bring that back. We don't waste what still has use, and we don't let a neighbor go without if we've got what they're looking for.

**Principle:** *Before tossing anything, we give our neighbors a first look. One's junk might patch another's roof.*

## Step-by-Step Implementation:

### Step 1: Establish a “Don't Dump It Yet” Forum

Each Sovereign Community will create a simple, accessible platform—physical or digital—where members can post items they intend to discard. This could be a shared group chat, a bulletin board, or a shared notebook or app.

Each post should include:

- A photo or brief description of the item
- Condition of the item (*working, repairable, scrap value, etc.*)
- Date of posting
- Deadline for claiming (*typically 3–7 days*)

### Step 2: Pickup or Repurpose

If another resident can make use of the item—whether directly, as parts, or for salvage—they arrange for pickup or exchange. This system encourages skill-building in repair, crafting, and fabrication, while fostering inter-residence cooperation.

### Step 3: Responsible Disposal

If no one claims the item after the designated period:

- It is either recycled (*if possible*), repurposed by the Fabrication Team, or finally discarded in a responsible manner.
- Certain items (*metal, wood, cloth, broken electronics*) may be offered to the neighborhood salvage program or fabrication hub for potential reuse.

## Step 4: Host Quarterly “Swap & Salvage” Days

Encourage a quarterly gathering where residents bring unneeded items for open exchange or group salvage.

These events:

- Reinforce community bonds
- Highlight the value of reuse
- Reduce dependence on new, corporate goods

## Operational Features

- **Neighborhood Salvage Coordinator:** One volunteer helps manage the forum and coordinates with Fabrication Scouts.
- **Scrap & Salvage Inventory:** A record of common reusable materials (hinges, gears, wood scraps, fabrics) available in the community.
- **Repair Circles:** Residents come together to fix or repurpose discarded items, teaching others useful skills in the process.

## Cultural Impact

This isn't just about thrift—it's about resistance. Every item reused is a rejection of the system that demands we buy more, waste more, and depend more. A Sovereign Community that wastes nothing builds not only resilience, but reverence for resources. In such a system, even the discarded is honored.

*“The revolution respects the hands that mend what others throw away.”*

— *Adapted from Black Panther Community Tenets*

*“The company gave us nothing. So we made everything last.”*

— *Blair Mountain Miner, 1921*

*“We didn't have a lot, but we had each other. That made everything stretch.”*

— *Appalachian Homesteader, 1934*

# Sovereign Self-Defense Systems and Neighborhood Integration

## 1. Purpose and Function

The self-defense system is not just about physical protection—it is about building a **unified, disciplined, and community-rooted defense structure** that:

- Protects our children and our most vulnerable
- Ensures each home is not isolated in the face of threats
- Provides a **collective response mechanism** to protect vulnerable households
- Builds a larger regional defense infrastructure across Sovereign Communities
- Empowers communities to **resist raids, repression, sabotage, or collapse**
- Involves **combat veterans and tactically-skilled civilians** as advisors and trainers
- Fosters confidence, dignity, and **psychological security** among the people

**This system transforms fear into readiness and turns vulnerability into a shared wall of resistance.**

## 2. Step-by-Step Implementation Guide

### Step 1: Arm and Train Each Residence

Each household in a Sovereign Community must:

- Legally acquire and safely store at least one defensive weapon (*where possible*)
- Participate in **basic firearms, de-escalation, and emergency drills**

Be briefed on when and how to respond to:

- Calls for backup from neighbors
- Signals for emergency defense activation
- Mutual aid responses during crises

If residents cannot or do not wish to bear arms, they should be trained in:

- First aid
- Communication relays
- Surveillance or intel
- Shelter and evac operations

**No one is excluded—everyone has a role in the collective defense network.**

## Step 2: Establish a Sovereign Community Defense Unit

Each Sovereign Community should form a **defense circle** or **response pod** that:

- Keeps regular watch schedules (*rotated weekly*)
- Maintains an internal security log (*no names, only call signs or numbers*)
- Runs bi-weekly training sessions, drills, and debriefs
- Plans for multiple emergency types: home invasions, natural disasters, state raids

**This group should never act as a standing militia or police—it exists purely for defensive solidarity and coordinated protection.**

## Step 3: Link with Nearby Communities to Form a Sovereign Neighborhood Defense Grid

Once 3–5 Sovereign Communities are active within a geographic cluster:

- They should **form a Sovereign Neighborhood**
- Appoint **defense liaisons** from each community
- Establish a **rotating regional training calendar**
- Run simulations of coordinated neighborhood defense (*rescue drills, response to alerts*)
- Assign volunteers for **rapid response teams**, drawn from younger or more mobile members

**This larger structure gives scale to the defense mechanism without creating a rigid hierarchy. It remains fluid, mobile, and collective.**

## Step 4: Involve Combat Veterans as Advisors

Reach out to **veterans or former law enforcement** in your neighborhood who:

- Are trusted by the community
- Have shown dedication to protecting the people, not the state

And can offer training in:

- Tactical movement and positioning
- Defense against drones, surveillance, and snipers
- Urban and rural combat survival
- First aid under fire and casualty extraction

**Their purpose is to empower others to think tactically and defensively, not to take control.**

### 3. Operational Features and Defense Mechanisms

#### Neighborhood Defense Call System

Establish a set of code words, flares, or lights that signal levels of danger and call for reinforcement from nearby homes or communities.

#### Layered Defense Zones:

- **Zone 1** = Individual household perimeter
- **Zone 2** = Sovereign Community perimeter
- **Zone 3** = Sovereign Neighborhood perimeter

Each zone has response teams, signal stations, and rally points.

#### Security Rotations

Have rotating neighborhood watches during times of elevated risk (*e.g., local protests, federal actions, blackouts*).

#### Noncombatant Roles

Train support volunteers in:

- Medical triage
- Message running and radio comms
- Logistics and supply movement
- Evacuation assistance for children and elders

#### Zero Aggression Policy

No preemptive attacks. This is a **defensive force only**, guided by the principle of **protection, not provocation**.

## 4. Historical Inspiration and Revolutionary Context

### Black Panther Party – Armed Self-Defense and Community Security

The Panthers were formed as a **defense patrol** to protect Black communities from police brutality and white supremacist violence. They trained in weapons use, surveillance, and community safety—always with the intention of defending the people.

*“The first lesson a revolutionary must learn is that he is a doomed man. But you must defend the people while you live.”*

— Huey P. Newton

*“We stood outside with our rifles not to intimidate, but to make it known: you will not kill us without consequence.”*

— Bobby Seale

Their model was about **accountable, principled force**—never terroristic, always rooted in defense of community dignity.

### Blair Mountain Revolt – People’s Army of Miners

In 1921, over 10,000 coal miners formed a **worker’s army**, armed and organized not by a military, but by community elders, veterans, and unionists. They stood against company gunmen and the U.S. Army.

*“We didn’t need a general. We needed watchmen, runners, and men who could aim true and stand their ground.”*

— Union miner

*“We didn’t fight to kill—we fought to live. That was the difference.”*

— Coal miner, Blair Mountain survivor

The Sovereign Neighborhood Defense structure mirrors this decentralized approach: **organized, collective, accountable**, and rooted in **survival over conquest**.

## Conclusion

The Sovereign Self-Defense Network is not about glorifying violence. It’s about **ensuring that every neighborhood, every child, and every elder can sleep without fear of being unprotected**. This system ensures that repression, eviction, raids, or collapse will **not find passive victims—but prepared communities** who stand together.

**This is not a militia—it is a people’s firewall against tyranny.**

# Veteran Integration Program: Tactical Mentors, Strategic Organizers

## 1. Purpose and Function

The purpose of the Veteran Integration Program is to:

- Tap into the **experience and discipline** of military veterans to enhance the preparedness, structure, and survivability of Sovereign Communities.
- Provide **tactical, strategic, and logistical guidance** without creating a hierarchy of command.
- Ensure that communities facing escalating repression can **organize, train, and defend** with greater coordination and efficiency.
- Involve both **combat veterans** (*for defense and tactical instruction*) and **non-combat veterans** (*for logistics, engineering, medical support, communications, etc.*).
- Restore a **sense of purpose and honor** to veterans who are often discarded or alienated by the very government they served.

This program gives Sovereign Communities a defense backbone, while empowering veterans to serve the people—not empire.

## 2. Step-by-Step Implementation Guide

### Step 1: Make a Public Call for Veterans

Each Sovereign Community and Neighborhood should post secure flyers or digital calls stating:

*“We are seeking military veterans of all backgrounds—combat and non-combat—to assist in training, organizing, and advising grassroots communities to defend themselves and operate with tactical efficiency. This is not about forming a militia—it’s about protecting the people.”*

Clarify that this is a non-state, community-centered effort, and veterans will be welcomed as equals—not placed in command positions.

### Step 2: Host a Veteran Orientation Circle

Once veterans express interest, invite them to a **closed meeting or call** with community reps to:

- Learn about the Sovereign Community’s mission, ethics, and decentralized structure

- Clarify expectations (*advisory role, not command*)

Discuss veteran skill sets:

- Combat tactics
- Communications (*signal, encryption*)
- Engineering and field construction
- Logistics and supply chain planning
- Navigation and recon
- Medical training
- Survival and bushcraft

**Allow veterans to choose which areas they're comfortable assisting in.**

### **Step 3: Assign Roles Based on Skill**

Break veteran involvement into two primary paths:

#### **A. Combat Veterans – Tactical Mentors**

- Lead small-unit defense workshops
- Teach close-quarters defense, perimeter setup, and home defense
- Train younger volunteers in discipline, alert systems, and rules of engagement
- Assist in building a neighborhood defense grid

#### **B. Non-Combat Veterans – Strategic Organizers**

- Help communities structure their logistics (*rotas, supply chains, defense shifts*)
- Assist in engineering low-tech infrastructure
- Coordinate long-term evacuation or underground rail routes
- Train support roles (radio, drivers, medics, scouts)

**Every veteran will be assigned to a civilian liaison to keep the integration grounded in neighborhood culture and ensure balance.**

### **Step 4: Build a Veteran Cohort Network**

Establish a **Veterans' Circle** across neighborhoods that:

- Holds quarterly tactical skillshares
- Debriefs on successful training models
- Adapts military structures into non-hierarchical community versions
- Supports one another emotionally (*many veterans suffer from PTSD or isolation*)

- Assists new neighborhoods just forming their defense arms

**This network keeps knowledge moving, while honoring and protecting the mental health of veterans.**

### **Step 5: Keep All Roles Accountable to the People**

- No veteran holds permanent command or authority
- All training sessions must be **co-led with a community representative**
- Veterans must take part in mutual aid and general labor like everyone else
- If any veteran attempts to dominate, threaten, or overstep—they are removed by community vote

**This ensures a horizontal structure and guards against militarism or ego.**

## **3. Operational Features and Coordination Mechanisms**

### **Skill Card Registry**

- Each participating veteran fills out a brief card listing skills, former roles, and comfort zones (kept securely by the community).

### **Weekly Micro-Trainings**

- Veterans host short 30–60 minute pop-up sessions (*firearms safety, first aid under fire, mobile response formations, etc*).

### **Defense Simulation Days**

Once per quarter, veterans design and lead live simulations involving:

- Defense response
- Medical evac
- Communications failure
- Low-light perimeter tactics

### **Veteran Support & Debrief Circles**

- Peer-led spaces where veterans decompress, reflect, and process stress or trauma tied to their past service.

## Veteran-Led Civil Engineering Teams

Veterans with knowledge in field construction, convoy management, or fortification can help communities build:

- Rain catchment systems
- Food storage bunkers
- Perimeter walls or observation towers
- Emergency exit routes

## 4. Historical Inspiration and Revolutionary Context

### Black Panther Party – Revolutionary Veterans

The Panthers were deeply influenced by and included **Vietnam veterans**, who returned home disillusioned and ready to **defend their communities instead of empire**.

*“We had brothers come back from Vietnam and say, ‘I fought for nothing over there. I’m ready to fight for something here.’ So we gave them a rifle, a purpose, and the people.”*

— Bobby Seale

*“I knew how to shoot because of the military. I stayed in Oakland to protect the people instead of protecting oil interests overseas.”*

— Unnamed Panther veteran, 1969

**Veterans brought tactical knowledge and discipline—but the Panthers ensured they were always accountable to community leadership, not a chain of command.**

### Blair Mountain – Veterans Against Company Rule

Many of the coal miners in the Blair Mountain uprising were **World War I veterans**, trained in trench warfare, logistics, and mass movement.

*“They trained us to kill men in Europe. We came home and found our brothers being killed by Pinkertons. So we put our uniforms back on and stood with the people.”*

— Blair Mountain miner, 1921

*“The company had the weapons. We had the war experience and the reason.”*

— Veteran-organizer in the West Virginia coalfields

These veterans helped organize thousands of workers into a disciplined fighting force that made history—and forced the U.S. Army to intervene **only when the coal barons were losing**.

## Conclusion

The Veteran Integration Program builds a bridge between **military experience and community liberation**. Veterans are not leaders above the people—they are **brothers, sisters, and comrades beside the people**, offering tools, strategy, and wisdom without ego or coercion.

Through this program, we honor their knowledge **not with parades or medals—but with shared struggle and purpose**.

As Fred Hampton said:

*“We don’t need no capitalists for our revolution. But we’ll take some trained warriors if they’re ready to fight for the people.”*

And from Blair Mountain:

*“Once a soldier, now a defender. But this time, we choose who we protect.”*

# Low-Tech Sovereignty & Community Fabrication Systems

## 1. Purpose and Function

This initiative exists to restore community-level independence from fragile, centralized systems that can be weaponized or destabilized by elite power. The purpose is to:

- Relearn and implement **low-tech, time-tested methods of survival** used by our ancestors
- Ensure that each Sovereign Neighborhood can **thrive without relying on corporate supply chains, internet-dependent systems, or fragile industrial logistics**
- Rebuild the capacity to **fabricate, repair, and produce essential goods and tools locally**, even under collapse scenarios
- Create a **skills-based economy** rooted in practical craftsmanship, labor, barter, and resilience
- Foster a cultural shift away from consumer dependency and toward **productive, land-based living**

**When national infrastructure collapses—or is denied to resisting communities—those who can produce survive. Those who depend, suffer.**

## 2. Step-by-Step Implementation Guide

### Step 1: Identify Low-Tech Priorities

Start by mapping out **which systems must be made low-tech and local**. These may include:

- Water collection and filtration
- Food production and preservation
- Cooking and heating
- Sanitation
- Communication (*e.g. signal flags, radios*)
- Fabrication of tools, parts, and repairs
- Transportation (*bicycles, carts, walking routes*)
- Power (*e.g. solar dehydrators, wood gasification, manual generators*)

Each Sovereign Neighborhood should host a “**Tech Dependency Audit**” to identify what is currently outsourced to tech and industry—and what can be brought back under local control.

## Step 2: Recruit and Train Local Fabricators and Builders

Call for volunteers or neighbors with background in:

- Welding, metalworking, and machining
- Carpentry and woodworking
- Sewing and textile repair
- Leatherwork, cobbling, and natural crafting
- Small engine repair
- Mechanical engineering
- Blacksmithing and tool restoration
- Recycling, Repurposing and salvaging materials

Host **skill-sharing events** where older or experienced members pass on knowledge in these trades. Set up apprenticeships or intergenerational training.

## Step 3: Build a Local Fabrication Hub

Designate a **central workshop space** (garage, barn, shed, container, etc.) equipped for:

- Tool storage and maintenance
- Small-scale part fabrication
- Bicycle or cart repair
- Emergency mechanical needs (*e.g. water pumps, hand tools, stoves*)
- Makeshift prosthetics, braces, or medical devices
- Local production of nails, hinges, brackets, and household essentials

If space is limited, start with **mobile tool kits** or **roving fabricators** who bring tools to homes on request.

## Step 4: Reclaim Forgotten Low-Tech Skills

Host neighborhood “ancestral living” workshops on:

- Foraging and plant medicine
- Clay oven building
- Soap making, candle dipping, and charcoal production
- Basket weaving, net making, and rope twisting
- Root cellars and underground cold storage
- Preserving food without refrigeration (*salt curing, drying, fermenting*)
- Manual well extraction and hand-pump water systems

Focus especially on skills that **remove dependence on electricity, gas, and global supply chains.**

## Step 5: Integrate Low-Tech into Everyday Life

Encourage neighbors to:

- Cook with fire, clay, or solar ovens when possible
- Use bikes, carts, or walking for errands
- Fix clothing instead of buying new
- Use community tool libraries instead of buying their own
- Rotate in shifts to help build key projects (*outhouses, stoves, rain catchers*)

Make low-tech not just a fallback—but a **normal and honorable way to live**.

## 3. Operational Features and Coordination Mechanisms

### Neighborhood Tool Libraries

- Shared sets of tools with check-in/check-out systems.

### Weekly Maker's Day

- A standing weekly time where neighbors gather to build, fix, or fabricate something—everyone helps, everyone learns.

### Parts Salvage & Reuse Program

- Designated volunteers salvage useful parts from discarded tech, scrap, and waste. Metals, wires, gears, and tubing are stored for reuse.

### Fabrication Scouts

- Assign neighbors to scout garages, junkyards, or auctions for non-digital machines, hand tools, lathes, etc.

### Low-Tech Inventory Maps

Post neighborhood charts showing where to find:

- Sewing machines
- Welding torches
- Water barrels
- Garden tools
- Bicycle parts
- Wood stoves or solar dehydrators

## Electricity-Free Emergency Days

- Monthly practice runs where the community operates without phones, internet, or electric tools to rehearse self-reliance.

## 4. Historical Inspiration and Revolutionary Context

### Black Panther Party – Revolutionary Self-Reliance

While known for armed defense, the Panthers also built **self-sufficient systems** that did not rely on white institutions. They repaired homes, built medical clinics, cooked for hundreds without industrial support, and taught Black youth how to **work with what they had**.

*“We were poor, but we were never powerless. We learned how to make do, and then how to make better.”*

— Elaine Brown

*“Revolution isn’t just marching. It’s building things the enemy can’t take away.”*

— Huey Newton

**Their approach mirrored old-world craftsmanship: a combination of survival, self-determination, and Black ingenuity.**

### Blair Mountain Revolt – Laborer's Practical Skills

The miners who fought at Blair Mountain were **craftsmen, fixers, and rural survivalists**. They lived without electricity, running water, or stores—and built everything they needed to wage a functional insurgency.

*“We didn’t have radios. We had runners. We didn’t have trucks. We had carts. And we made it work.”*

— Miner’s wife, 1921

*“You give a coal miner a chunk of steel and some wire, and he’ll give you a weapon, a tool, or a stove by sundown.”*

— Blair Mountain veteran

**The miners’ strength came from not needing the company store, the power grid, or the market to survive. That’s what made them unstoppable.**

## Conclusion

Low-tech sovereignty isn’t about going backward—it’s about **liberating ourselves from systems designed to collapse under pressure or be used against us**. These skills honor our

ancestors, stabilize our present, and secure our children's future.

The elite may control satellites and digital supply chains—but the people will control **knives, hammers, fire, and freedom.**

As the Panthers taught:

*"The revolution has always been in the hands of the young. The young always inherit the revolution."*

And as Blair Mountain proved:

*"A man who can feed himself and fix his tools is a man who can't be starved into silence."*

# Sovereign Communication and Code System

## 1. Purpose and Function

The communication system within each Sovereign Community exists to:

- Enable **fast, secure, and reliable coordination** between households.
- Protect information from surveillance, infiltration, and interception by hostile forces.
- Preserve **operational security (OPSEC)** without isolating the community or limiting collaboration.
- Allow for both **routine internal organizing** and **emergency alerts** under duress.
- Build a **cultural identity unique to each Sovereign Community** through internally developed code language, terms, or symbols.

**This system is not just practical; it is defensive and cultural, allowing each Sovereign Community to maintain autonomy while contributing to a larger decentralized movement.**

## 2. Step-by-Step Implementation Guide

### Step 1: Form a Communications Working Group

Each Sovereign Community should establish a **small team** (*2–4 trusted members*) responsible for developing and maintaining the internal communication system.

Their responsibilities include:

- Drafting internal communication protocols
- Designing and updating the code language
- Training community members in secure comms
- Ensuring emergency communications tools are functional and distributed

These individuals must be vetted for loyalty, discretion, and tech or radio fluency.

### Step 2: Develop an Internal Code Language

This code can include:

- Nicknames or numbers for each household (*e.g. "Delta-3" instead of "Jenny's house"*)
- Symbolic terms for common needs (*"River" = food, "Storm" = threat, "Eclipse" = meeting*)
- Situational codes for escalation levels (*e.g. "Code Blue" = routine issue, "Code Red" = raid in progress*)
- Time and date codes (*"The bell tolls at dusk" = 6PM meeting*)

This language should:

- Be easy to learn by members
- Be flexible and expandable
- Be updated every 3-6 months for security

### Step 3: Choose Primary and Backup Communication Channels

Each Sovereign Community should select **at least three tiers of communication methods**:

- **1 Primary** – Encrypted messaging apps (*e.g., Signal, Session*)
- **2 Secondary** – Radio/walkie-talkie systems with pre-set channels
- **3 Tertiary** – Physical signals like chalk marks, colored cloths, window signs, or flags

Each tier has its own standard operating procedure (*SOP*), including time of check-ins, escalation triggers, and fallback protocols.

### Step 4: Train All Residents in the Communication Protocol

Every household member capable of participating should receive:

- A copy of the current codes (*written in shorthand, if needed*)
- A basic guide on what to do in communication blackouts
- A list of trusted voices/handlers in the community
- Role-playing or practice drills in interpreting and responding to codes

Training should be conducted **monthly**, with refresher workshops after every update.

### Step 5: Test and Rotate Codes Regularly

- Run **monthly drills** (*e.g., mock alerts, call-ins, radio checkups*)
- Review what worked and what didn't
- Rotate language every 3-6 months (*or immediately after any suspected compromise*)
- Burn and retire old codebooks

Codes should **never be stored digitally unless encrypted and air-gapped**.

## 3. Operational Features and Coordination Mechanisms

- **Emergency Signal Kits:** Supply each home with color-coded flags, lights, or door/window symbols to silently indicate emergencies without verbal comms.
- **Silent Signal Locations:** Designate known spots where a community member can leave a symbol, letter, or item to indicate status (*"drop spots"*).
- **Trusted Messengers:** Assign 1-2 trusted youth or adults as mobile runners during outages or device lockdowns. These people memorize routes and code phrases.

- **Comms Blackout Protocol:** In the event of digital or physical disruption:
  - Switch to radio or paper codes
  - Use physical drop messages
  - Notify the Communications Working Group via fallback channel
- **Pre-agreed Meeting Points:** Every household should know at least 2 rendezvous spots for emergencies, with different access routes.

## 4. Historical Inspiration and Revolutionary Context

### Black Panther Party – Code Use & Operational Security

The Panthers frequently used **code names, hand signals, and embedded phrases** to maintain security under FBI infiltration. Comms were localized, often rotating, and rooted in community slang to mask meaning.

*“We used to speak in ways the oppressor couldn’t understand. Not just to hide, but to remind ourselves that we had our own language, our own truth.”*

— Bobby Seale

*“We had to assume the phone was always tapped. We didn’t stop talking — we just started talking smarter.”*

— Elaine Brown

**The Sovereign code system inherits this legacy—talking in plain sight while moving in secret, affirming internal identity while resisting external control.**

### Blair Mountain Revolt – Signal Networks and Runners

During the miner uprising, communication was done with **lantern signals, gunfire codes, runners, and flag systems**.

*“We couldn’t afford phones and they had cut the lines anyway. So we went back to light, cloth, and feet.”*

— Miner from Logan County

*“One red flag at the west ridge meant danger. Two meant reinforcements needed. No one had to say a word.”*

— Anonymous fighter, 1921

In the absence of tech, **human ingenuity and mutual understanding** became the most secure language. Sovereign Communities must revive this mindset—**fluid, creative, and tightly bonded** through shared symbols and local lore.

## Conclusion

The Sovereign Communication and Code System is **as much a cultural tool as it is a tactical one**. It ensures that each community can move, respond, and protect itself **without relying on vulnerable or surveilled infrastructure**. More than encryption, it creates a shared tongue, a rhythm of resistance, and an invisible architecture of defense.

In this system, each community becomes **untrackable yet unmistakably unified**—a ghost in the machine, yet a torch in the dark.

# Sovereign Ambassador Program

## Purpose, Function, and Revolutionary Inspiration

### Purpose

The Sovereign Ambassador Program is designed to unite decentralized neighborhoods across race, class, and geography into a coordinated, anti-oppression alliance. Its core purpose is to build trust, diplomacy, and strategic cooperation between communities that refuse to be ruled by the elite-controlled state or its institutions. It allows sovereign neighborhoods to communicate, share resources, build cross-cultural solidarity, and respond together in times of threat.

This program rejects the divide-and-conquer tactics historically used by ruling classes. Instead, it fosters deep horizontal unity that prepares the ground for a liberated, post-elite society rooted in shared defense, mutual aid, and human dignity.

### Function

**The Ambassador Program serves as:**

- A diplomatic channel between Sovereign Neighborhoods for exchanging ideas, building unity, and resolving tension.
- A strategic bridge to coordinate resources, food systems, self-defense strategies, and underground aid networks.
- A solidarity arm with oppressed Indigenous tribes and racial/cultural communities, particularly those historically targeted by empire and capital.
- A security mechanism, helping link sovereign neighborhoods into a rapid-response defense grid during government crackdowns or elite violence.
- Ambassadors are trained to act as guardians of peace, conduits of information, and strategic connectors across what would otherwise be isolated pockets of resistance. Their presence signals that no neighborhood stands alone.

### Historical Inspiration

#### Black Panther Party

The Panthers were not just armed revolutionaries—they were ambassadors of community empowerment. They formed alliances across racial and class lines, including poor white Appalachians and Chicano groups, to build unified front lines.

*“We must arm ourselves and we must organize ourselves to serve the people. We must forge international and interracial solidarity, because only together will we be free.”*

— Fred Hampton

*“The spirit of the people is greater than the man’s technology.”*

— Huey P. Newton

The Sovereign Ambassador Program follows that exact spirit—**reaching across barriers the ruling class depends on, building a brotherhood and sisterhood of neighborhoods in rebellion.**

## Blair Mountain Revolt (1921)

During the largest labor uprising in U.S. history, over 10,000 coal miners (Black, white, and immigrant) organized across lines of difference, set aside rivalries, and created an armed, disciplined army to confront tyranny.

*“We were fighting not just for better pay, but for each other. There was no race, no state line, no religion that mattered more than knowing we were under the same boot.”*

— Testimony from a Blair Mountain miner

*“They had Gatling guns. We had rifles, guts, and solidarity.”*

— Miner’s journal entry, 1921

The Blair Mountain miners proved that working people—when organized across differences—can mount the kind of solidarity that terrifies elites. The Sovereign Ambassador Program draws directly from this model: **when communities rise together, there is no machine that can hold them back.**

## Conclusion

The Sovereign Ambassador Program is more than diplomacy—it is a resistance architecture, built on history, forged by necessity, and driven by the belief that humanity was never meant to be ruled. **It is the living legacy of Fred Hampton’s united front, of miners at Blair Mountain, and of all people who ever refused to stay divided under the master’s terms.**

As Fred Hampton said:

*“You can kill a revolutionary, but you can’t kill the revolution.”*

**And this revolution will move neighborhood to neighborhood, through ambassadors who carry not just messages—but the fire.**

# Sovereign Ambassador Program: Inter-Neighborhood and Indigenous Unity

## I. Purpose and Goals

The Sovereign Ambassador Program exists to:

- Forge lasting bonds between Sovereign Neighborhoods across racial, cultural, and regional lines and form a neural network of communication, adaptation, consciousness and evolution.
- Facilitate knowledge exchange, conflict resolution, and mutual defense pacts.
- Build solidarity with local Native American tribes outside the jurisdiction of federally-aligned tribal councils.
- Create a nationwide, decentralized diplomatic network for shared resistance and communal growth.

## II. Ambassador Structure & Roles

### A. Qualifications for Ambassadors

- Deep familiarity with their own Sovereign Neighborhood's values, needs, and structures.
- Demonstrated ability to communicate diplomatically and cross-culturally.
- Background in conflict resolution, organizing, or community work preferred.
- No affiliation with federal, state, or corporate institutions.

### B. Core Responsibilities

- Attend **monthly inter-neighborhood gatherings** (in-person or secure digital).
- Serve as liaison between their neighborhood and external groups.
- Share news, strategic developments, and resource needs.
- Build **trust and understanding** across racial, religious, and ideological lines.
- Establish **collaborative projects**, such as shared agriculture or defense workshops.

## III. Regular Gatherings and Forums

### A. Formats

- **Rotating-host summits:** Each month, a different Sovereign Neighborhood hosts a summit.

- **Secure virtual councils:** Encrypted online meetings between travel-based summits.
- **Joint training sessions:** On food sovereignty, defense, alternative medicine, and fabrication.

## B. Topics of Focus

- Coordinating resource-sharing or crisis relief.
- Joint defense or evacuation protocols.
- Conflict resolution between neighborhoods.
- Expansion strategies into new regions.
- Welcoming new communities into the network.

# IV. Racial and Cultural Bridge Building

## A. Purpose

- Break historical and system-imposed divisions.
- Build a **coalition of the oppressed** that unites all demographics.
- Train ambassadors in racial justice, cultural humility, and cross-cultural organizing.

## B. Tools & Practices

- **Intercultural exchanges** (e.g. food, music, oral histories).
- **Cultural listening circles** with no speaking over each other.
- **Conflict de-escalation protocols** in place for any tension that arises.
- **Joint action projects** (e.g. building gardens, storm shelters, or clinics together).

# V. Outreach to Native American Tribes

## A. Key Principles

- Respect sovereignty and traditional leadership outside corrupt, federally-managed tribal councils.
- Recognize historical trauma and prioritize **listening, not leading**.
- Approach as equals, not saviors or partners of convenience.
- Share information, not impose ideology.

## B. Steps to Build Trust

- **Research and identify** traditional leaders and respected elders within the tribe.
- **Send emissaries** (not in groups; 1–2 people max at first) to introduce the neighborhood's purpose and offer respect.
- Ask how your community can *support* their goals—not how they can support yours.
- Offer mutual defense, food, water systems, or fabrication tech as **gifts**, not trades.
- Invite them to gatherings—but on **their terms and schedule**.

## C. Long-Term Collaboration Goals

- Recognize their ancestral land rights as valid.
- Coordinate Underground Railroad routes and safe houses with tribal lands.
- Learn traditional ecological knowledge from their elders.
- Create interlinked food or medicine systems with indigenous knowledge and sovereign gardening.

# VI. Security and Confidentiality

## A. Meeting Protocols

- All gatherings should use strict vetting and non-recording policies.
- No identifying names, digital trails, or documentation unless agreed upon.
- Use internal code systems for names and locations in public or digital messages.

## B. Ambassador Vetting

- All ambassadors must be **vouched for** by at least two respected members of their Sovereign Neighborhood.
- Regular psychological and loyalty assessments—not for paranoia, but for integrity and commitment.

# VII. Symbolism and Unity

## A. Flags, Patches, or Insignias

- Design neutral but powerful symbols for unity without undermining neighborhood identities.
- Use shared pins, scarves, or banners during gatherings to build a visual language of solidarity.

## B. Solidarity Statements

- All gatherings conclude with a spoken or written joint resolution reaffirming independence from elite control and commitment to mutual aid.

# VIII. Scaling Nationwide

## A. Regional Convergences

- Organize quarterly **regional assemblies** where representatives from a cluster of neighborhoods meet to coordinate regional policy, food systems, or defense.

## B. National Congress (Eventually)

- A **non-hierarchical national gathering** can form once 100+ Sovereign Neighborhoods are active.
- Congress decisions are non-binding—its purpose is to *coordinate*, not control.

# IX. Summary

The Sovereign Ambassador Program is not just diplomatic; it is revolutionary. It builds the **cultural and structural glue** needed to transform isolated microcommunities into a **unified, sovereign, post-oppression society**—one that values **diversity, cooperation, and liberation**. It seeks not just survival, but the **rebirth of a humane civilization**.

# Step-by-Step: How to Establish a Sovereign Neighborhood Ambassador Arm

## Step 1: Call for Volunteers

Hold a neighborhood meeting (*or post securely on your internal board or group chat*) to announce that you are forming an Ambassador Team. Let everyone know you are looking for **volunteers who meet these key traits:**

- Strong communication, diplomacy, and cooperation skills
- Deep understanding and commitment to the values of Sovereign Communities
- Ability to stay informed on national and global current events
- Capable of maintaining operational security (*OPSEC*) and confidentiality
- Willingness and flexibility to travel if diplomatic missions are required
- A clear understanding of your neighborhood's specific needs and resources

**Encourage people to also nominate others they trust. Make it clear that this is a serious responsibility, not just a symbolic role.**

## Step 2: Hold a Vetting and Selection Process

Invite interested volunteers to an interview or discussion circle. Ask questions such as:

- “How would you explain our neighborhood’s goals to others?”
- “Can you name our current needs or resource gaps?”
- “How do you approach disagreement or cultural tension?”
- “What are your methods for staying informed on world events?”
- “What does *OPSEC* mean to you in a grassroots setting?”

**From these responses, select one to three people to serve as ambassadors. Others may serve as backups or future representatives.**

## Step 3: Train and Brief the Chosen Ambassadors

Provide a thorough orientation to ensure they:

- Understand the community’s code of conduct and security measures
- Know how to speak clearly about your local goals, strengths, and challenges
- Are prepared for cross-cultural or interracial diplomacy
- Can detect and avoid state surveillance or infiltration attempts
- Know what to say and what *not* to say when engaging external groups or tribes

**This can be done in a single session or through a short series of workshops.**

## **Step 4: Gather and Maintain Community Intel**

Ambassadors must stay updated on evolving neighborhood needs.

This means:

- Meeting regularly with heads of food, defense, health, and communications committees
- Keeping track of the top 3 needs of the neighborhood at any given time
- Identifying what goods or knowledge the neighborhood can offer to others
- Reporting new developments, threats, or achievements regularly

**This ensures ambassadors can represent the community accurately and effectively.**

## **Step 5: Schedule or Join Inter-Neighborhood Gatherings**

Reach out to nearby Sovereign Neighborhoods to:

- Introduce your ambassador team
- Schedule secure calls or visits for collaboration
- Propose mutual aid, co-training, or strategic alignment
- Offer to host an inter-neighborhood summit

**All communication should be conducted through secure channels, using code names or call signs when necessary.**

## **Step 6: Build Relationships with Indigenous Allies**

Ambassadors should learn about local Native tribes and engage respectfully.

This includes:

- Researching tribal history, land, and leadership outside the official tribal councils
- Making contact with traditional elders or community defenders
- Approaching quietly, without demands or assumptions
- Listening before offering any help or explanation
- Offering useful support (*gardening, security, medical aid*) with no strings attached

**The goal is long-term trust, not quick alliance.**

## Step 7: Hold Monthly Debriefs

Each month, ambassadors should report back to the Sovereign Neighborhood about:

- Who they met with
- What was learned, offered, or proposed
- Any new mutual aid opportunities or risks
- Changes in regional, national, or global dynamics that affect the neighborhood

**This builds transparency, trust, and adaptive planning.**

## Step 8: Rotate or Expand the Team as Needed

Every 6 to 12 months, allow space for new people to step in. This could mean:

- Adding more representatives as the neighborhood grows
- Appointing a cultural liaison to assist in cross-demographic diplomacy
- Assigning a support team for training, scheduling, and documentation
- Mentoring younger or less experienced volunteers into future ambassador roles

**This keeps the Ambassador Arm sustainable, resilient, and representative of the whole community.**

# Coordinated Defense Support Between Sovereign Neighborhoods

To ensure rapid support during times of threat, aggression, or resource blockade, each Sovereign Neighborhood will establish the following defense cooperation mechanism alongside its ambassador program.

## 1. Build a Local Defense Corps

Every neighborhood should form a **self-defense team** of volunteers who are:

- Combat-capable or trained in home defense
- Familiar with radio and code-based communication
- Willing to respond to mutual aid calls during emergencies

These volunteers are organized into squads with chain-of-command roles for quick response coordination.

## 2. Create a Secure Mutual Defense Directory

Ambassadors and defense coordinators will work together to compile a **secure and encrypted directory** that lists:

- Nearby Sovereign Neighborhoods
- Known self-defense teams and response units
- Emergency contacts or radio frequencies
- Safehouse and underground railroad networks

This directory is updated monthly and distributed securely to verified coordinators only.

## 3. Establish Emergency Alert Protocols

Set up a **tiered emergency alert system** using:

- Encrypted messaging apps
- Emergency radio code phrases
- Signal flares or light signals in rural areas

Three tiers can be used:

- **Yellow** – potential threat or surveillance
- **Orange** – active harassment or sabotage
- **Red** – violent incursion or attack in progress

Ambassadors coordinate with defense leads to escalate or de-escalate alerts.

#### 4. Form Regional Defense Councils

Every 3–6 months, nearby neighborhoods send **ambassadors and defense advisors** to a regional security council to:

- Share tactics and training
- Coordinate defense strategies
- Run mock drills or simulations
- Establish quick-reaction mutual aid battalions if needed

Veterans or experienced street medics may act as advisors across multiple communities.

#### 5. Maintain Strict OPSEC and Vetting

Defense coordination must operate under strict protocols to prevent infiltration. This includes:

- Using aliases and non-public meeting locations
- Rotating communication channels
- Vetting any newcomers through a double-confirmation system (*no single person can vouch alone*)

Neighborhoods under surveillance should limit or delay participation in regional defense movements until safe.

#### 6. Deploy Defense Mutual Aid Missions

If one neighborhood is under active threat (Red Alert), verified nearby neighborhoods may:

- Send a small defense team for assistance
- Activate evacuation plans for families and vulnerable residents
- Set up roadblocks or supply lines
- Use distraction or redirection strategies to disrupt state harassment

All missions must be documented (*securely*), with debriefings shared among participating parties for lessons learned.

This **defense linkage system**, built alongside the Ambassador Arm, ensures that Sovereign Neighborhoods are not isolated or vulnerable. **When properly maintained, this network makes any single neighborhood nearly impossible to eliminate without triggering a rapid, widespread support response.**

# Crisis Notification & Documentation Protocol

## 1. Purpose and Function

In the event of a crisis — whether natural disaster, violent incursion, state retaliation, or sudden collapse of local infrastructure — every Sovereign Neighborhood must have a rapid and reliable method to:

- Notify nearby Sovereign Communities (SCs) of the emergency.
- Alert the broader public and allies to ensure the crisis cannot be hidden, distorted, or ignored.
- Document events in real time, creating an undeniable record of what occurred, who was affected, and how the people responded.

**This protocol ensures that no Sovereign Neighborhood suffers in silence or is erased by disinformation. A crisis endured by one is witnessed, amplified, and supported by all.**

## 2. Step-by-Step Implementation Guide

### Step 1: Establish a Crisis Communications Team

- Each Sovereign Neighborhood designates 3–5 trusted individuals as the “Crisis Relay.”
- Their tasks are to maintain crisis contact lists, handle alerts, and activate the notification chain when needed.
- They coordinate directly with the Communications Working Group (*already established under the Sovereign Code System*).

### Step 2: Create a Tiered Notification Chain

- **Internal Alert:** Inform all households in the neighborhood within minutes.
- **Inter-Community Alert:** Relay to nearby SCs via secure codes, radio frequencies, or messengers.
- **Public Alert:** Once verified, a concise crisis statement is prepared for distribution to sympathetic journalists, allied organizations, and social media channels.

### Step 3: Assign Neighborhood Reporters

- Each neighborhood chooses at least 2 “Community Reporters.”
- Their role is to document with photos, audio, written testimony, or video — and immediately transmit copies to multiple safe storage points.

- Reporters must never act alone; they are paired with a protection partner from the neighborhood defense corps.

#### Step 4: Secure Documentation & Archiving

All documentation is stored in three layers:

1. **Local Archive:** Physical copies, encrypted drives hidden within the neighborhood.
2. **Distributed Archive:** Sent to trusted SCs in other regions for safekeeping.
3. **Public Archive:** Selected material released immediately to prevent cover-ups.

#### Step 5: Monthly Crisis Drills

- Once a month, neighborhoods run a mock “Crisis Drill,” where the notification chain and documentation roles are tested.
- Failures are reviewed, protocols updated, and codes rotated for security.

### 3. Operational Features and Coordination Mechanisms

#### Code-Based Crisis Levels:

- □ Yellow = escalating tensions
- □ Orange = immediate neighborhood disruption (*raid, blockade, disaster*)
- □ Red = active life-threatening crisis

#### Trusted Distribution Channels

- Pre-approved social media accounts, encrypted mailing lists, underground radio broadcasts, and allied outlets that have pledged to amplify people’s reports without state filtering.

#### Emergency Press Releases

- Crisis Reporters prepare a 2–3 sentence template statement in advance (e.g., “*Our neighborhood is under active raid/blockade. Families are at risk. We call on all Sovereign Communities and the public to witness and respond.*”)

#### Cross-Check & Verification

- No single individual is allowed to release crisis reports unverified; at least two Crisis Relay members must confirm before public broadcast.

## **4. Historical Inspiration and Revolutionary Context**

### **Black Panther Party**

Panthers deployed community observers with cameras and notebooks to document police brutality in real time, ensuring their communities' struggles were seen and believed.

### **French Resistance (WWII)**

Maintained underground presses and couriers who reported Nazi raids immediately to international outlets, preventing propaganda cover-ups.

### **Standing Rock (2016)**

Indigenous water protectors designated media teams to broadcast live, ensuring state violence was witnessed worldwide.

# Offensive Intelligence and Asymmetric Warfare Network

## Purpose and Revolutionary Backdrop

A Sovereign Neighborhood's defense system cannot remain purely reactive. Tyrannical forces with advanced technology, drones, satellites, and limitless funding will eventually overwhelm static defenses. To survive and ultimately dismantle elite oppression, revolutionary communities must build a **decentralized, adaptive, offensive intelligence network** capable of outthinking and outmaneuvering state and corporate powers.

This network is not about terror or domination—it is about leveraging **unconventional minds, raw courage, and desperate resolve** to develop tactics and strategies that level the playing field, turning apparent weakness into unstoppable resilience.

## Step-by-Step Implementation Guide

### Step 1: Recruit the Brightest Minds and Hidden Allies

Quietly identify individuals with expertise in:

- Cybersecurity, encryption, and counter-surveillance.
- Drone technology, robotics, and anti-drone countermeasures.
- Communications, hacking, and infiltration techniques.
- Fieldcraft, guerrilla tactics, and sabotage resistance methods.

Seek out **industry insiders** disillusioned with corporate or state power:

- Engineers, technicians, defense contractors, or IT specialists willing to leak information, develop tools, or teach countermeasures.
- Protect their identities through layered vetting and compartmentalization.

### Step 2: Build a Civilian Spy and Recon Network

Train volunteers to:

- Blend in, gather intel on oppressive forces, and report vulnerabilities.
- Map critical infrastructure and choke points in case of repression.
- Conduct discreet surveillance on police, military, or corporate movements.

Establish **risk-based missions**:

- Reconnaissance of surveillance systems.
- Monitoring supply chains and vulnerabilities of elite power structures.
- Covert extraction of oppressed individuals or vital materials.

### Step 3: Harness the Willingness of Those With Nothing to Lose

Many people cast aside by this system spiral into despair or reckless destruction. Offer them a **new purpose**:

- Redirect their anger toward fighting tyranny, not themselves.
- Give them tasks requiring boldness and fearlessness, such as intel runs, decoy operations, or rescue missions.
- Train them in discipline, security, and loyalty to the people's cause.
- These individuals can become some of the most dedicated operatives when given meaning and brotherhood.

### Step 4: Channel Outlaws and Criminal Rebellion for the Greater Good

Identify individuals with skills in bypassing law enforcement or navigating underground economies.

Offer redemption and purpose in return for loyalty and adherence to a strict **code of conduct**:

- No harm to the innocent.
- No exploitation of neighbors.
- All actions serve the liberation of the people.

Utilize their unconventional skills for:

- Smuggling medicine, food, and supplies through blockades.
- Creating untraceable escape routes and safehouses.
- Countering elite black markets with community-controlled shadow economies.

### Step 5: Constantly Evolve Asymmetric Warfare Tactics

Host secure "think tanks" of diverse minds:

- Veterans, engineers, hackers, insurgency historians, and street tacticians.

Develop evolving tactics that exploit elite blind spots:

- Low-tech counter-drone solutions.
- Communication disruption techniques.
- Hit-and-vanish operations to neutralize oppressive forces.

Share findings between Sovereign Neighborhoods using secure, code-based channels, creating a **living intelligence organism** that adapts faster than the enemy can respond.

# Historical and Revolutionary Context

## Black Panther Party

Panthers ran intel patrols to pre-empt raids, mapped police activity, and organized rapid counter-measures.

*“If you can see the enemy before he sees you, you’ve already won half the fight.”*

— Huey Newton

## Blair Mountain Miners

Miners used sabotage, misdirection, and local scouts to outmaneuver better-equipped company forces and federal troops.

*“We knew every ridge, every mine shaft, every trick to keep them guessing.”*

— Miner’s oral history, 1921

## Global Resistance Movements

Throughout history, from the French Resistance to anti-colonial insurgencies, people without armies have defeated empires with intelligence, deception, and unbreakable will.

## Conclusion

A revolutionary movement cannot merely shield itself—it must **think ahead, move unseen, and strike only when survival and liberation demand it**. An offensive intelligence network built from the brilliance, courage, and desperation of the people becomes a weapon no tyrant can predict or contain. **It is the art of turning oppression’s castaways into architects of freedom, creating a force more dangerous to tyranny than any standing army.**

# Decentralized Innovation Cells: Revolutionary R&D for People's Liberation

## Purpose and Revolutionary Backdrop

To truly counter technologically superior tyrannical forces, revolutionaries must do more than gather intelligence—they must innovate. The elites have think tanks, defense labs, and endless budgets creating tools of oppression. Sovereign Neighborhoods can build **decentralized, covert innovation cells** that match their creativity and outmaneuver their technology with low-cost, asymmetric solutions developed by the people, for the people.

These cells are hidden laboratories of freedom, combining grassroots ingenuity, insider knowledge, and raw determination to create tools that defend life, sabotage tyranny, and empower resistance—all while remaining undetectable and untouchable.

## Step-by-Step Implementation Guide

### Step 1: Recruit Visionaries and Technical Minds

Quietly approach:

- Engineers, mechanics, hackers, coders, and scientists disillusioned with corporate or military projects.
- Makers, tinkerers, inventors, and unconventional problem-solvers.
- Industry insiders willing to leak blueprints, materials, or insider knowledge.
- Build trust networks where they can contribute without fear of exposure or retaliation.

### Step 2: Establish Micro-Labs in Safe Locations

Use dispersed, hidden spaces:

- Garages, basements, abandoned workshops, mobile vans.
- Equip with salvaged and repurposed tools:
- 3D printers, metalworking kits, basic chemistry supplies, electronics repair tools.

Maintain strict OPSEC:

- Separate projects and teams.
- Compartmentalize knowledge to prevent total compromise if infiltrated.

### Step 3: Define Core Objectives for Asymmetric Advantage

Innovation cells focus on:

- **Defense Tools:** Low-cost anti-drone tech, signal jammers, EMP-resistant communications.
- **Survival Enhancements:** Water purification, improvised energy sources, field medical gear.
- **Evasion Systems:** Decoy heat signatures, anti-surveillance clothing, silent mobility tech.
- **Sabotage Countermeasures:** Tools that disable oppressive weapons or surveillance without harming innocents.

### Step 4: Create a Distributed Knowledge-Sharing Network

- Develop **encrypted manuals, schematics, and training guides** to circulate between Sovereign Neighborhoods.
- Use code names for innovations to prevent tracing their origins.
- Maintain a “dead drop” system for exchanging research findings discreetly.

### Step 5: Field-Test and Iterate Constantly

- Pair innovation cells with defense and intelligence units to test prototypes safely.
- Refine tools through real-world use and feedback.
- Scrap unsafe or ineffective designs immediately.
- Encourage cross-cell collaboration without centralizing leadership.

## Historical and Revolutionary Context

### French Resistance

Developed improvised explosives, homemade radios, and sabotage devices under Nazi occupation, using household tools to disrupt empire.

### Black Panther Party

Created survival programs and improvised protective measures for communities when denied state resources.

### Blair Mountain Miners

Engineered makeshift weapons and defensive structures from mining tools, outsmarting professional armies.

## Conclusion

Decentralized Innovation Cells turn ordinary citizens into the architects of revolutionary survival and liberation. When the people design their own tools of freedom, they are no longer just resisting—they are **building a parallel arsenal of ingenuity** that no tyrant can suppress. **These cells make it possible to outthink, outmaneuver, and outlast technological empires using only determination, creativity, and collective intelligence.**

# Parallel Underground Supply Chains for Revolutionary Tech and Tools

## Purpose and Revolutionary Backdrop

Revolutionary communities cannot depend on elite-controlled markets or sanctioned supply chains to obtain the tools they need for survival, defense, and liberation. In a crisis or crackdown, access to critical materials, components, and technology will be restricted, surveilled, or outright weaponized against the people. To counter this, Sovereign Neighborhoods must establish **parallel underground supply chains**—networks capable of sourcing, transporting, and distributing essential equipment and resources entirely outside the reach of corporate or state control.

These supply chains act as the lifeline for decentralized innovation cells, defense units, and medical depots. They transform scattered acts of resistance into a sustainable, evolving, and interconnected infrastructure that can't be starved or dismantled from above.

## Step-by-Step Implementation Guide

### Step 1: Identify Essential Materials and Tech

Work with defense units, innovation cells, and medical depots to map critical needs:

- Electronics components, batteries, radio parts.
- Mechanical tools, welding kits, machine parts.
- Field medical supplies, sterilization equipment.
- Materials for water filtration, solar energy, and off-grid living.
- Prioritize items that cannot be easily fabricated locally and are likely to face government or corporate restriction.

### Step 2: Build a Decentralized Procurement Network

Recruit individuals with access to surplus or discarded resources:

- Factory workers, technicians, warehouse staff, waste facility workers.
- Sympathetic contractors or suppliers willing to quietly donate or sell off-the-books.
- Develop safe, encrypted communication channels to request and arrange transfers without exposure.

### Step 3: Establish Shadow Logistics Routes

Use multi-layered transport systems:

- Couriers on bikes or foot for local discreet drops.
- Rural routes for bypassing surveillance-heavy roads.
- Hidden compartments in civilian vehicles.
- Create multiple redundant paths to avoid total disruption if one route is compromised.

Maintain **dead drop points** where materials can be safely left for pickup.

### Step 4: Operate Underground Fabrication Hubs

Pool salvaged materials and parts to support innovation cells.

Develop **neighborhood salvage teams** trained to strip useful components from discarded electronics, vehicles, and machinery.

- Stockpile non-perishable, high-value materials (*metals, wires, batteries, basic chemicals*) for future use.

### Step 5: Build Regional Trade Alliances

Connect with other Sovereign Neighborhoods, black-market allies, and sympathetic workers to:

- Trade surplus materials and tools.
- Share access to rare or specialized components.
- Coordinate bulk underground shipments for cost-efficiency and risk reduction.

Develop a **code-based barter ledger** for secure, anonymous record-keeping.

## Operational Security Measures

- **Compartmentalization:** No single person knows the full chain of suppliers, transporters, and recipients.
- **Rotation:** Change routes, couriers, and contacts frequently.
- **False Trails:** Use decoys or cover stories to misdirect surveillance.
- **Trust Networks:** Only vetted, loyal participants handle high-risk transfers.

# Historical and Revolutionary Context

## French Resistance

Maintained secret supply lines for weapons, radios, and food despite Nazi surveillance, relying on couriers, decoys, and underground black markets.

## Blair Mountain Miners

Smuggled arms and supplies through coal towns despite company militias and U.S. military intervention.

## Black Panther Party

Operated informal distribution networks for food, medicine, and gear when authorities tried to starve out their programs.

## Conclusion

Parallel Underground Supply Chains ensure that revolutionary communities cannot be cut off from the materials and tools they need to survive and resist. They turn scarcity into abundance, vulnerability into resilience, and disconnection into an interlinked, defiant infrastructure.

**When the elites weaponize supply chains to keep people powerless, the people build their own—quietly, cleverly, and beyond the reach of control.**

**Last, but most important...**

# No One Left Behind: Lifting the Most Vulnerable Through Sovereign Uplift

## 1. Purpose and Function

The mission to create Sovereign Communities cannot be limited to those who are already capable, resourced, or mentally prepared to participate.

This principle recognizes:

- **The humanity of the most marginalized**, including those struggling with homelessness, mental illness, addiction, or trauma
- The moral and revolutionary necessity of **uplifting those cast aside by the very system we are resisting**
- That building a just society means leaving **no one behind**, especially those who cannot offer anything in return—yet
- That **each Sovereign Community holds the power** to transform one life at a time, and through replication, transform the entire nation
- That the revolution is not only about survival, but **about redemption, restoration, and reconciliation** for all victims of elite-created poverty

**This principle makes the revolution credible—and makes the future worth fighting for.**

## 2. Step-by-Step Implementation Guide

### Step 1: Identify the Most Vulnerable

Each Sovereign Community should begin by **mapping local vulnerability**, including:

- Individuals experiencing long-term homelessness
- Elders without support networks
- Youth aging out of foster care or group homes
- People suffering from mental illness, trauma, or severe isolation
- Formerly incarcerated individuals rejected by society
- Use **discreet, respectful observation and outreach**, not charity optics.

**Look for those forgotten by every other system.**

## Step 2: Form a Community Uplift Circle

Create a 3–5 person **Uplift Team** in each community who:

- Makes contact with vulnerable individuals
- Builds trust and communicates the community's mission
- Determines how the community can best provide support (*housing, food, mental health, security, companionship, purpose*)
- Works with others in the neighborhood to coordinate assistance without overwhelming any single residence

**The goal is not to "rescue" but to welcome and reintegrate—with dignity, not pity.**

## Step 3: Commit to One Life per Community

Each Sovereign Community will:

- Take direct responsibility for **raising one person out of extreme poverty or neglect**
- Provide secure housing or shelter, whether in a room, tiny home, trailer, or backyard unit
- Supply food, medical attention, emotional support, and a role in the community when appropriate
- Help restore a person's **identity, stability, and purpose**

**This becomes a living symbol of community power—a physical rejection of abandonment.**

## Step 4: Set Long-Term Support Milestones

Support must be **long-term and non-transactional**. Suggested steps:

- **First 30 days:** Shelter, food, care, and daily check-ins
- **60–90 days:** Mental/physical healthcare, reconnection with family or self
- **3–6 months:** Participation in communal duties if and when ready
- **6–12 months:** Personal development or vocational goals

**Track growth not in labor output, but in healing, stability, and human reconnection.**

## Step 5: Encourage Replication Nationwide

As Sovereign Communities multiply, each one takes on the commitment to:

- Lift one person, consistently and collectively
- Share stories (*anonymized if needed*) of transformation
- Inspire others by proving that the revolution is **not built on speed, but on soul**

In time, tens of thousands will be freed—without any government intervention.

### 3. Operational Features and Coordination Mechanisms

- **Neighborhood Watch-in-Reverse:** Instead of watching out for “criminals,” communities watch out for those in distress—offering aid, not judgment.
- **Shared Sanctuary Program:** Communities coordinate to **relocate or house vulnerable individuals** who cannot be stabilized in their current neighborhood.
- **Mental Health First Responder Network:** Train volunteers to provide trauma-informed care, grounding techniques, and de-escalation for mental health crises.
- **Community Companion System:** Pair able residents with isolated or suffering individuals for regular conversation, walks, meals, or support.
- **Uplift Days:** Monthly events where clothing, food, wellness services, or simply love are offered to the struggling—without fanfare or publicity.
- **Public Commitments Wall:** A private board where each Sovereign Community displays the initials or story of the person they’ve committed to uplift—reminding all: **We don’t leave our people behind.**

### 4. Historical Inspiration and Revolutionary Context

#### Black Panther Party – Defending the Forgotten

The Panthers defended the poor not as a charity, but as a duty. Their clinics treated addicts. Their free breakfast programs fed kids whose parents were in prison. Their members often **took in the abandoned.**

*“We’re not about welfare. We’re about giving people back their dignity—through care, structure, and solidarity.”*

— Huey P. Newton

*“The people who can’t fight yet? We fight for them. Until they can.”*

— Fred Hampton

The Panthers understood: **no one is disposable** in a real revolution. The forgotten are the front lines.

#### Blair Mountain – The Brotherhood of the Broken

Many of the miners who joined the uprising were **crippled, orphaned, or cast out** by coal companies after accidents, poverty, or sickness. Yet they were **taken in by other families**, and those families were then protected in return.

*“There were men in that army who couldn’t walk right, couldn’t hold a rifle, but we made sure they were fed and safe. They were part of it all the same.”*

— *Miner’s journal, 1921*

*“We didn’t count strength by what you could carry—we counted it by what you could carry someone else through.”*

— *Widow of a Blair Mountain fighter*

The rebellion succeeded because it was **built on brotherhood, not elitism**.

## Conclusion

We do not build this revolution to abandon the weak—we build it to protect them. To **lift one person per community** is not charity. It is a strategy, a moral line in the sand, and a sacred duty.

Because if we build a new world and leave behind those who suffered most under the old one—**we are no better than the elites we claim to replace**.

As Fred Hampton once said:

*“We don’t fight racism with racism. We fight it with solidarity.”*

And as the miners of West Virginia lived:

*“No one eats until we all eat. No one rests until we all rise.”*

# Water & Food Neighborhood Sufficiency

## Long-Term Survival Foods & Storage

### Core Staples

#### 1. Grains & Starches

- Cornmeal, wheat berries, rice, oats
- **Storage:** Mylar bags with oxygen absorbers, sealed inside food-grade buckets. Store in a cool, dry place.
- **Shelf life:** 20–30 years (*whole grains like wheat berries*); 5–10 years for flour/cornmeal.

#### 2. Beans & Legumes

- Pinto, black beans, lentils, chickpeas, split peas
- **Storage:** Same as grains (*Mylar + O2 absorbers*).
- **Shelf life:** 20–30 years.
- **Bonus:** Sproutable for fresh greens.

#### 3. Sugar & Honey

- **Sugar:** Granulated, brown, powdered.
- **Honey:** Naturally lasts forever if sealed.
- **Storage:** Airtight containers or original packaging inside a sealed bin.
- **Shelf life:** Indefinite (*may clump, but usable*).

#### 4. Salt

- Essential for preservation and health.
- **Storage:** Airtight containers, away from moisture.
- **Shelf life:** Indefinite.

#### 5. Fats

- Olive oil, coconut oil, lard, ghee, powdered butter
- **Storage:** Dark, cool places.
- **Shelf life:** 1–3 years (*ghee lasts longer*).

#### 6. Other Useful Items

- Powdered milk, bouillon, dried vegetables, spices
- Add variety and prevent “food fatigue.”

## Easiest Survival Crops (*Urban-Friendly*)

### 1. Potatoes

- **Why:** High calories per square foot.
- **How:** Use grow bags, buckets, or trash cans with drainage holes. Layer soil + seed potatoes, add more soil as they grow.
- **Yield:** 5-10× return on seed potatoes.
- **You must:** Diversify Species to prevent entire crop spoilage in case of disease

### 2. Sweet Potatoes

- **Why:** Edible leaves + tubers.
- **How:** Root slips in containers, trellis the vines.
- **Storage:** Cure and store in cool/dry place for months.

### 3. Beans

- **Why:** Dual-purpose (protein + nitrogen fixer for soil).
- **How:** Grow pole beans up trellises or balcony railings.
- **Yield:** Fresh beans + dry beans for storage.

### 4. Corn

- **Why:** Staple calorie crop, can be dried and ground into meal.
- **How:** Needs full sun; grow in clusters (*at least 4x4 block for pollination*).
- **Urban tip:** Use raised beds or rooftop planters.

### 5. Leafy Greens

- **Examples:** Kale, spinach, chard.
- **Why:** Fast-growing, continuous harvest.
- **How:** Grow in shallow containers; cut-and-come-again method.

### 6. Herbs & Medicine Plants

- **Examples:** Basil, mint, oregano, aloe.
- **Urban edge:** Grow in pots/windowsills. High utility with low space.

# Rainwater Collection & Storage

## Simple Setup with Tarps

### 1. Tarp Funnel Method

- Spread a clean tarp slightly angled toward a collection point.
- Runoff channels into a container (*trash bin, barrel, or buried cistern*).

### 2. Buried Container Reservoir

- Dig a hole for a food-grade barrel or IBC tote.
- Cover with a lid to prevent contamination and evaporation.
- Funnel water via tarp, gutter, or PVC pipe.

### 3. Storage Tips

- Use **food-grade containers only**.
- Keep containers covered and shaded to prevent algae growth.
- Add **1 tsp of unscented bleach per 5 gallons** if long-term storage is needed.
- Rotate every 6–12 months.

## Low-Cost Urban Hacks

- **Buckets & Barrels:** Restaurants/bakeries often give away food-grade buckets free.
- **DIY Grow Bags:** Use old rice sacks, feed bags, or reusable shopping bags.
- **Vertical Gardening:** Pallets or shelves maximize tiny balconies.
- **Rainwater Pre-Filter:** Stretch a T-shirt or screen over the barrel opening to keep out debris.

# Food Survival Starter Plan

## 1. Food Storage Blueprint

### Core Targets (*Per Person, 1 Year*)

- **Grains & Starches:** 300 lbs (*cornmeal, rice, oats, wheat berries*)
- **Beans & Legumes:** 60 lbs (*pinto, black, lentils, chickpeas*)
- **Sugar & Honey:** 60 lbs sugar + 1 gallon honey
- **Salt:** 8 lbs
- **Fats:** 5 gallons oil/lard/ghee
- **Powdered Milk:** 16 lbs
- **Other:** Spices, bouillon, dried fruit/veg (*optional but morale-boosting*)

### Storage Method

1. **Mylar bags** (*5-gallon size*) with **oxygen absorbers**.
2. Place filled Mylar into **food-grade buckets** (*Gamma-seal lids ideal*).
3. Store in a **cool, dark, dry place** — basement, closet, under bed.
4. Label with contents + date. Rotate stock every 5 years (*beans, cornmeal*) or 20–30 years (*rice, wheat*).

Cheap hack: if no Mylar, use **PET soda bottles** (*thoroughly cleaned/dried*) + O2 absorbers for rice/beans.

## 2. Survival Gardening Blueprint (*Urban-Friendly*)

### Easiest Calorie Crops

- **Potatoes:** 4–6 buckets can yield 100+ lbs annually.
- **Sweet potatoes:** Dual use (*tubers + edible leaves*).
- **Pole beans:** Grow vertically on trellises/fences.
- **Corn:** Mini-patches in raised beds (*needs at least 4x4 cluster*).
- **Leafy greens:** Kale, spinach, lettuce in shallow containers.

### Cheap Growing Hacks

- **Grow bags:** Make with old rice sacks, reusable grocery bags, or DIY sewn canvas.
- **Vertical towers:** Stack milk crates, fill with soil, plant greens in pockets.
- **Window boxes:** Grow fast greens/herbs.
- **Soil building:** Mix 1/3 compost + 1/3 cheap potting soil + 1/3 perlite/sand.
- **Fertilizer:** Use kitchen scraps (*compost, banana peels, eggshells*).

## Planting Calendar (*temperate zones; adjust locally*)

- **Spring:** Potatoes, beans, greens.
- **Summer:** Corn, tomatoes, peppers.
- **Fall:** Sweet potatoes, root crops (beets, carrots).
- **Winter (indoor/greenhouse):** Sprouts, microgreens.

## 3. Water Security Blueprint

### Collection (*Low-Cost*)

#### Tarp Funnel Method

- Stretch tarp on a slope.
- Corner tied to bucket/barrel.
- Rain runs down tarp → funnel → container.

#### Buried Container Reservoir

- Bury a 55-gallon food-grade barrel (*keep lid above soil*).
- Run tarp/gutter into it.
- Keeps water cooler + algae-free.

#### Rooftop Harvesting

- Gutters → downspout → barrel.
- Add mesh screen or T-shirt filter at entry point.

#### Storage & Safety

- **Container:** Food-grade plastic barrels or IBC totes.
- **Keep covered:** Prevents mosquito breeding.
- **Treatment:** 1 tsp unscented bleach per 5 gallons for long-term storage.
- **Rotation:** Every 6–12 months.

Hack: Use **collapsible camping jugs** to store water inside the home for rotation.

## 4. Quick Survival Checklist

### Phase 1 (*First 2 Weeks*)

- Buy 25 lbs rice, 25 lbs beans, 10 lbs sugar, 5 lbs salt.
- Get 2 buckets + lids.

- Plant potatoes in 2 buckets.
- Rig 1 tarp + 1 barrel for rainwater.

### **Phase 2 (1–3 Months)**

- Expand food stock toward 3 months per person.
- Add sweet potatoes + beans to containers.
- Collect at least 50 gallons water storage.

### **Phase 3 (6–12 Months)**

- Build full 1-year food storage.
- Set up vertical garden for greens/herbs.
- Establish 2+ buried or rooftop rainwater systems.
- Practice rotation & cooking with stored foods.

## **5. Golden Rules**

- **Store what you eat, eat what you store** → rotate, don't waste.
- **Diversify crops** → calories + nutrition.
- **Water is life** → aim for 1 gallon per person/day minimum.
- **Start small, scale up** → buckets and tarps can become a full system.

# Water Sovereignty

## 1. Potability

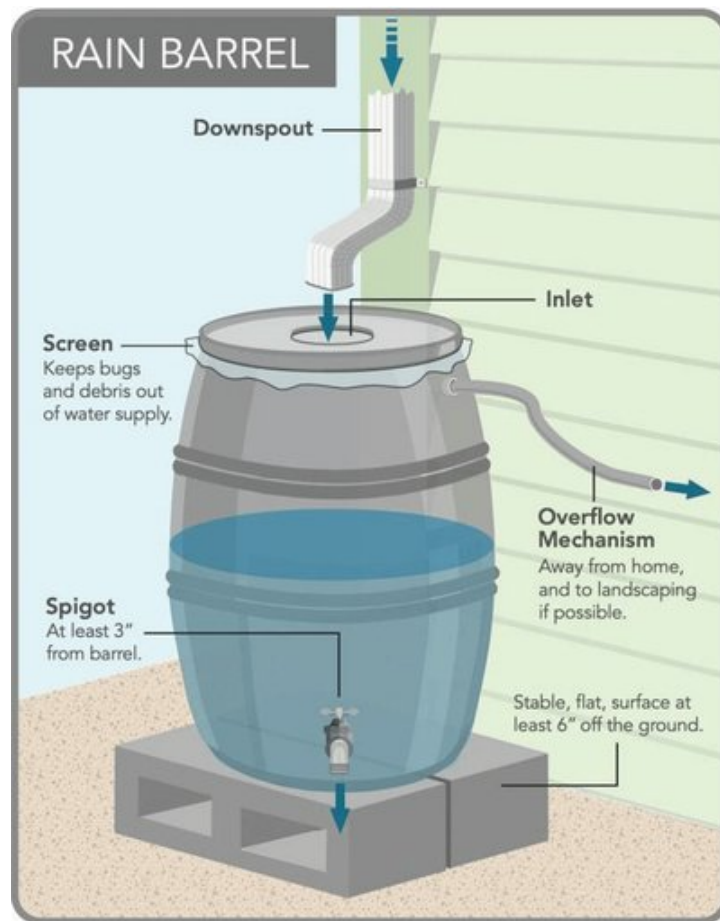
This is a reminder that collected water must be screened, settled, filtered, and disinfected before being considered potable (*or drinkable*). Please refer to the section on Purification when considering collecting water for drinking, washing, cooking, etc.

- **Screening:** Passing collected water through mesh filters to prevent large debris and solids from being collected with the water. This not only helps keep the water clean but also helps prevent damage or blockages of your collection systems.
- **Settling:** Sediment will settle to the bottom of a vessel, forming sludge or slurry at the base. Before being considered potable, collected water must first be allowed to settle in a vessel, then skimmed, pumped or siphoned from above the settlement layer. Settled sediment is a primary reason to regularly empty and clean vessels used for water storage. Best to do so before any rainy season, every 6-12 months.
- **Filtering:** Most filtering methods help prevent smaller sediment and particles from being included in drinking water. Others will help filter germs and chemicals from being included in your drinking water. We will include multiple examples of both.
- **Disinfecting:** Kills germs, bacteria, viruses, and parasites. Boiling is the most effective method, though chemical disinfectants are also available. Adding 8 drops of 6% bleach or 6 drops of 8.25% (*the two most common household bleach concentrations*) will disinfect a gallon of water.

## 2. Collection

To begin, collection of rainwater or other forms of water may or may not be legal in your area. Learn the local regulations and laws but regardless, attempt to keep collection methods out of sight of roads. Attention is best avoided, regardless of legality. If it must face the road, attempt to camouflage. Potted plants, lattices, trash bins, etc. will do, so long as the collection vessel is not in plain sight.

## a. Rain Barrels



A 1,000 ft<sup>2</sup> roof can collect 300 gallons of water for just a half inch of rain. Depending on the intended use of the water, this can be utilized without much alteration. Your roof will need gutters and a downspout, leading to a barrel. Viola, you have stored water for your crops and yard. Ideally, somewhere between roof and barrel is a leaf filter and a lid on your barrel to keep critters out, but this is truly all that's needed for water collection for watering plants.

Asbestos was commonly used in roofing tiles in the 1980's. Please do not collect rain water from roof built in the 80's. If unsure, contact a professional. Rain barrels can be set up without use of a roof, and other methods of water collection are in this guide.

Before setting up a barrel think: **Will I want it elevated? Will I want a hose attached?**

### Raise the barrel

Best to do this step before the barrel has been filled. Water gets heavy fast, a 55 gal bucket weighs about 500lbs full. Do not attempt to lift a full barrel of water. Ensure that whatever you plan to use to stand the barrel on can withstand the weight of a full barrel, both the structure and the ground it sits on, ensuring the structure won't sink into soft earth.

Attaching a hose to the bottom of the barrel will allow gravity to do the work of moving the water for you. As long as the head of the hose remains physically below the top of the water level, water will flow. Raising the barrel will affect how high you can hold your hose. This will make a big difference. If you connect a drip or or seep watering system, this will ensure it will work until the last drop in the bucket.

## Leaf Filters

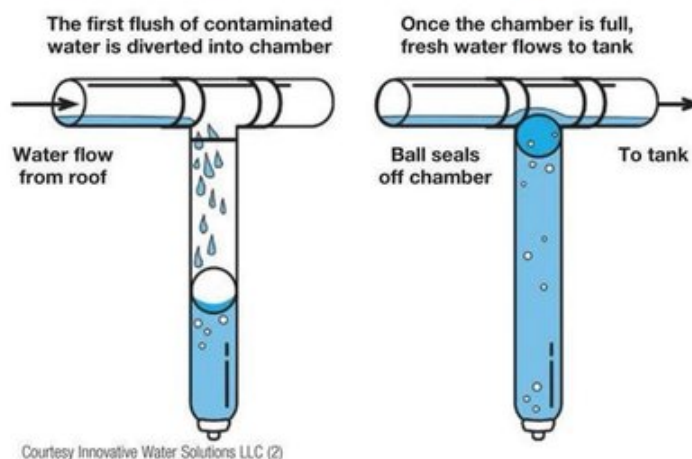


You want to reduce the leaves and debris that enter your rain barrel. This requires filters that are accessible enough to be cleaned at least seasonally. You can have multiple layers of filters, but you want at least one larger mesh guard, higher in the flow path for catching leaves and sticks, as well as a finer mesh lower in the flow for catching smaller debris.

These filters can be on the gutters themselves and the barrel lid in order to remain accessible. Additionally, a filter can be added to the downspout. These can be found at hardware stores but can also be done at home with small difficulty. The easiest (*but not the best*) way to do so would be to make a cut in the downspout. Secure mesh to the upper opening of the bottom piece. Flare the top piece so the bottom piece can fit inside, continuing the path as it was before the cut, and secure the pieces back together with small sheet metal screws. This should result in a bisected downspout that, with the removal of a few screws, the mesh filter can be brushed off and put back in place.

## First Flush

### Function of a First-Flush System



A first flush system is highly valuable if you intend to use captured water for drinking, washing, cooking, etc. It's also helpful for garden plants, though not mandatory. What we intend with a "first flush" system is to allow the roof to be cleaned by the rain in the first few minutes of downpour before collecting. We will later go into other methods of filtering that can be used instead of, or preferably in conjunction with the first flush system.

Assuming your roof is decently clean, you'll want around 10 Liters or 2 ½ gallons worth of rain to pass through per 100 ft<sup>2</sup> before you begin collecting. For instance, If you have a 1000 ft<sup>2</sup> roof, but you only collect from the back half, your first flush system will need to accommodate 12 ½ gallons. If your roof is perfect, you can cut that in half. If it's the worst anyone's ever seen, quadruple it. Use discernment and speak with everyone who will use this water.

Integrating first flush will take some more work than just filtering. Essentially, your downspout will feed directly into a PVC pipe running almost parallel to the ground, with enough tilt that water will not pool and cause mildew. This will run to a T fitting that will have your flush system down and your clean water continuing on to your barrel.

The flush storage will need to be watertight from the T fitting, so make sure you're planning ahead. A section of large PVC can be used. In the previous example, collecting from half of a 1000 ft<sup>2</sup> roof, 9ft of 6in PVC will hold approx. 12 ½ gallons. Inside this section of pipe must be a hollow ball that will seal the connection to the T when the 12 ½ gallons has been filled, while still allowing water flow through the rest of the system. This will seal the "first flush" from the now clean water running through the system. On the bottom end of this section of pipe, must be a valve to empty this after each large rain, or whenever you think your roof needs another flush. If you are using a first flush instead of filters, you should have a larger opening in order to remove leaves/debris.

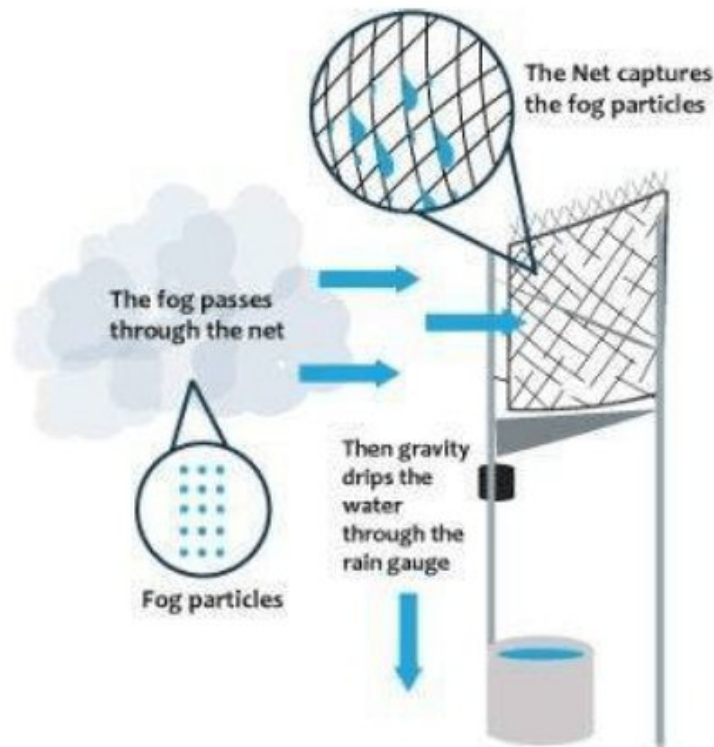
**Again, water gets heavy fast, ensure this system is well secured.** 9 ft of 6 in pipe full of water weighs over 100lbs.

This is one way the first flush system can be implemented. Depending on your existing systems and property layout, you may find a different way to flush your roof or decide it isn't worth it. Perhaps you have enough filtration going on, that only a few gallons of flush gives you peace of mind.

## **b. Condensation Traps:**

These traps come in many forms such as: Fog nets, dew traps, transpiration traps, and solar stills. Solar stills will be covered in the purification section, as it works best when you already have collected, unfiltered water. The other forms of condensation traps, if clean materials are used, can collect already potable water from natural condensation. Depending on collection method, cleanliness of materials, and local levels of pollution, it is advisable to still disinfect or even filter this collected water.

## Fog Nets



Using a fine mesh or breathable fabric, find a location with consistent fog (*high elevation or near a body of water*) and secure it in the air with sturdy poles or branches. The fabric will collect moisture from the air and drip downwards, so angle the net to maximize exposure and minimize drip area, so you only need one collection point. Monitor the trap, adjust for efficiency (*catch more wind*) and clean when needed. Fine mesh like mosquito netting can be left to drip but thicker fabrics may need to be wrung out or used with other purification methods like the solar still.

## Dew Traps

In areas that acquire dew, or condensation on the grass and plants in the mornings, you can lay a tarp, or fabrics to collect this moisture. A tarp will need to be folded and the condensation poured into a bowl or other collection method. Fabrics will again need to be wrung out. These should be collected in the mornings before the sun evaporates what you've collected. Depending on the cleanliness of your tarp/ fabric, this water can be considered filtered, but should still be disinfected.

## Transpiration Traps (*plant trap*)

Using a clear plastic bag, secure it around green foliage, like a tree branch. Close off the mouth of the bag with a rubber band, hair tie, Velcro strap, etc. After a few hours, the bag should acquire condensation inside. While setting up, be aware of how you will need to remove the bag and/or water.

### 3. Purification

When storing water for later use, it's common to screen the water being collected then allowing it to settle in storage containers, then filtering and disinfecting before use. When collecting for immediate use, filtration and disinfection take priority.

Screening and Settling are essentially preemptive measures that will allow your filtration and disinfection methods to last longer.

#### a. Screening

Mesh filters on your gutters is a method of screening. This is the preemptive removal of debris before storage. Anytime you have the opportunity to do so, you should. This can look like cleaning your traps, stills, and mesh filters, or even skimming debris from your storage containers.

##### First flush

*(Please refer to rain barrels collection method for a quick guide.)*

A first flush system is technically screening, washing the collection method before collection. Your roof collects dirt, dust, leaves, and all kinds of muck from the surrounding environment that you don't want to sit in your storage containers.

#### b. Settling

Allowing water to be stored in containers where sediment can settle to the bottom is useful to help preserve your filtration devices. The less of that sediment that passes through a filter, the longer it will last. When pulling water from these containers, you should take from above the settlement line. You should clean your containers every 6-12 months, or when the settlement line rises too close to your collection point (*where the hose attaches*). If it is rising faster than that you may need to clean your collection system, or increase your first flush capacity.

#### c. Filtration

Certain disinfection methods allow you to skip this step, namely distillation. But it isn't always feasible to distill a large amount of water for use.

If you want drinkable water, the earlier you start the better. If you have the ability to acquire a commercial filtration system, you can learn how to replace or refresh its filters. If you can connect one to your houses infrastructure, you can learn to maintain a pressurized system for if/when the water and power get cut off. This is a general guide and will focus on independent and DIY methods of filtration, that can be used without system integration.

Remember to work together, utilize what you have to do what you can. Before attempting to innovate your filtration systems, ensure you can still have drinkable water if it doesn't work out. Expand and duplicate systems instead of replacing them. Redundancy is key.

⚠ **Remember to DISINFECT, you do not have drinkable water after this step.**

## Charcoal filters

Both charcoal and activated charcoal can be purchased from hardware stores. Making your own is a time consuming and arduous task. Do not use common BBQ briquettes to make activated charcoal as they contain additives that will change the reaction.

First, how to make activated charcoal: charcoal is made from hardwood or fibrous plant material like coconut shells burned with little or no oxygen. This can be labor intensive and time consuming, so it is best to do large batches as a community. Chop hardwood or fibrous plants to fit into a metal container (*oil drum*) and build a bonfire around the container to burn for 3-5 hours and **DO NOT SEAL**. A 55gal drum full of hardwood requires 5 hours. Let cool overnight. Charcoal is useful on its own, store in a cool dry place.

To activate charcoal you will need:

- calcium chloride a.k.a. pickle crisp, or lemon juice in equal amounts
- a glass jar or non aluminum mixing pot with lid
- water and measuring cup
- cheesecloth or clean white sheet (no detergents or scents)
- cookie sheet or flat pan
- finished storage container (*airtight jar*)
- eye protection

Instructions:

1. Crush charcoal into a powder.
2. Make a 1 to 3 solution with calcium chloride and water. 1 part calcium chloride 3 parts water. This reaction produces HEAT, if mixing in jar, release pressure periodically.
3. In glass or non aluminum bowl/ jar, make a paste with the solution and powdered charcoal, slowly adding solution until paste is spreadable, drain leftover solution.
4. Let dry for 24 hours.
5. Spread on white sheet or cheesecloth. Rinse with water (you can collect this and run it through a coffee filter to collect carbon you would've lost).
6. Move carbon from sheet (*and coffee filter*) to cookie sheet.
7. Bake at 250 F for 30 minutes or until all moisture is gone.
8. Cool and break apart to store in airtight jar.

Activated charcoal doesn't "go bad" but will become less effective while exposed to air. Stored in an airtight jar, the effectiveness will not diminish. In plastic, it can remain effective for 1 to 3 years.

## Bucket method

This method can be used with any container, ranging in sizes from plastic water bottles to 100 gallon containers.

### Materials:

- (2) plastic bucket (*food safe preferred*)
- drill (*~1/4in bit*)
- activated charcoal
- fine sand
- fine gravel
- clean cloth/coffee filters
- scissors

Clean all materials before assembling (*charcoal, gravel, and sand should be rinsed*).

### Instructions:

1. Using the drill, create holes in the bottom of one bucket for drainage.
2. Place a layer of clean cloth or coffee filters in the bottom of the bucket with holes.
3. Add a layer of charcoal, followed by a layer of sand, and then a layer of fine gravel.
4. A second plastic bucket can be used to place pressure on the sand, this will improve durability.

Re-make your filter at least once a year or when taste becomes affected. Some sources recommend as early as 3 months.

## Ceramic filters

Ceramic clay, when dried, will filter water. Form a cone shape with ceramic clay and allow to dry completely, use a coffee filter as well as any filter materials you have from the bucket method (*gravel, sand, charcoal*) in layers to help filter. Replace fillers as needed, clean the ceramic regularly, and boil it periodically to disinfect.

Any size ceramic will filter water, a disk can be added to a bucket method filter, or a large ceramic pot can be suspended in your containers to catch the water before it is filtered into the larger container.

## Bio-filter

Certain plants can be used to filter water. Aquatic plants such as water hyacinth, water lettuce, and duckweed work well or bog plants like cattails, reeds, and rushes. Different plants will have different growing methods and will require different upkeep and planting methods. If added to your containment system, can increase the quality of your water. *Not a substitute for filtration.*

## d. Disinfection

### Boiling

The most effective and simple method of disinfection, bringing water to a rolling boil for at least 2 minutes and up to 10 will kill most germs and microorganisms in your water, making it safe to drink. This will not remove contaminants or sediment, which is why it should be used in conjunction with filtration methods. Will not eliminate chemical contaminants.

### UV Disinfection (*sodis*)

Allowing water to sit under a UV lamp or in the sun can help kill certain microorganisms that won't be caught with filtration. You should have your water in a clear plastic bottle for this to work best. Will not eliminate chemical contaminants.

### Chemical Disinfectant

*⚠ Overusing bleach can be as harmful or more so than allowing certain contaminants to remain. Please be sure to have an accurate method to measure, such as an eyedropper from smaller containers.*

| <i>Bleach either contains 6 or 8.25% sodium hypochlorite.</i> | Amount of 6%<br>bleach to add | Amount of 8.25%<br>bleach to add |
|---------------------------------------------------------------|-------------------------------|----------------------------------|
| Volume of Water                                               |                               |                                  |
| 1 quart/liter                                                 | 2 drops                       | 2 drops                          |
| 1 gallon                                                      | 8 drops                       | 6 drops                          |
| 2 gallons                                                     | 16 drops (1/4 tsp)            | 12 drops (1/8 tsp)               |
| 3 gallons                                                     | 1/3 tsp                       | 1/4 tsp                          |
| 4 gallons                                                     | 2/3 tsp                       | 1/2 tsp                          |

Stir into water and allow to sit for 30 minutes. Water should have a slight chlorine odor. If it doesn't, repeat dosage and wait another 15 minutes. If chlorine taste is too strong, pour the water from one container to another clean container and let stand for a few hours before use.

Common household iodine or tincture of iodine can be found in some first aid kits. 5 drops of 2% iodine for each liter of water will disinfect. Stir and let stand for 30 minutes.

## Distillation

A simple still can be made with a large pot with a lid and a smaller heat resistant container. Placing the smaller container in the center of your large pot to catch clean water, fill the pot with the water you want to purify. Don't fill over halfway up the smaller container, as you will get boil over. A small magnet can be used to help secure the smaller container if applicable. Cover the pot with the lid upside down to create a slope into the smaller container. Bring the water to a boil then reduce to a simmer. Place ice or a cool rag on top of the lid to help condense the moisture. Steam will be caught on the lid and roll down to fall into your smaller container. This water is now safe to drink.

## Solar Stills

A solar still uses the heat of the sun to evaporate unfiltered water and catching the condensation and allowing it to collect as filtered water. In order to do this you need a clear material to form a covering or roof for the dirty water. Common forms include using glass or clear plastic to form an A frame roof above the pool of unfiltered water, or using a sheet of plastic to form an inverted cone above the unfiltered water, placing a small stone or weight in the center of the sheet. For either method, choose an area with as much direct sunlight as possible.

First the concept of an A frame: You will need to hold water under the center of the A frame that will evaporate and rise to hit the glass. Condensation will then form on the glass of the A frame and roll downwards, where you will need to have something to catch the now filtered water. Note: when constructing the A frame, two rectangular pieces of glass or plastic are met on edge and angled outward, and two pieces of wood, plywood, or other material is cut to join these two and form a standing structure, much like an A frame house.

The inverted cone is best described if you imagine first a small hole dug in the ground. A bowl for our clean water will be set in the center, and our unfiltered water will go around it. This water can look like anything from moist soil, to vegetation, to damp cloth. Have the center of the hole raised so the bowl is raised. A clear plastic sheet is then suspended over the hole, secured on the edges and weighed down in the center. The unfiltered water will evaporate from the sun's heat, condense on the plastic sheet, roll down to the center and drip into the bowl. A long tube or "straw" can be run from the center collection bowl to outside the cone to drink from without having to reset the whole contraption.

***Depending on the cleanliness of your stills, this water is safe to drink.***

# Food Security

## 1. Fast and reliable

This section will focus on getting started finding and growing your own food. Quick and dirty, we won't be building raised beds or starting a large compost pile. **That being said, plan ahead.** If you have the time to set up amenities that will make gardening easier that's great, if not, plan for redundancy. There may be enough room to till your soil for quick harvests, while building beds nearby.

*Section 2. Permaculture will be for longer lasting techniques.*

## Foraging

Attempt to forage only in areas you know are not sprayed with chemical weed killer or pesticides, most public parks do so. Rinse everything you collect, double so for what could have been sprayed. This can be done in buckets as to not waste water. Use a separate bucket for sprayed plants and the non-spray bucket for the second rinse, only after all non-sprayed plants have been rinsed.

Attempt to forage only what you know to be edible. This will vary by region. As soon as possible, familiarize yourself with the local "weeds" and edibles. Here are some examples of common plants great for foraging, and how to tell them apart from their poisonous cousins.

### Plantain



Young leaves will taste less bitter and will go well in soups and stews. They can be eaten raw, dried or baked lightly with olive oil and spices for a crispy chip. The seeds can be ground into flour or sprinkled on salads. Plantain also has medicinal properties and can be added to balms or lotions, ground or chewed into poultices for bug bites, or placed directly onto small wounds to aid in recovery. No toxic look-a-likes.

## Dandelion



All parts of the dandelion plant are edible while raw. Not pleasant, but edible. Saute the greens and flowers. The younger leaves will taste better. I wouldn't recommend trying to eat the seeds. The roots can be eaten but if dried, roasted, and powdered, makes for a semi decent instant coffee replacement. No toxic look-a-likes.

## Wild Carrot



aka Queen Anne's lace, or Birds Nest Flower. The root can be eaten like a woody carrot. It grows in layers and so can often be eaten without washing by peeling the outer layer away. Looks like Poison Hemlock. The easiest way to tell the difference is that the flowers of queen Anne's lace contain a single red or purple flower at the center of their formation. The story to help remember is that queen Anne pricked her finger, and a single drop of blood stained the lace. The leaves and stalks also have differences, but hemlock will not contain the single red or purple flower.

### Miner's Lettuce



Most common in colder climates, will pop up in the spring. Whole plant is edible, but if dry and sunny will turn red and develop a bitter taste. Punch just between leaf and stem. No toxic look-a-likes.

### Stinging Nettle



Avoid when flowering, any tendrils coming from the stem that aren't leaves, when flowering stinging nettle produce calcium carbonate which will interfere with kidney function. Use gloves to harvest to avoid stinging. Younger plants will taste better. Blanch or steam, then chop like any other leafy green, stalk and leaf. Nettle look-a-likes, such as purple dead nettle and wood nettle can be prepared the same way. Clearweed and false nettle are not toxic but are considered non-edible.

## Gardening

If you have yard space, you can grow food. Without access to compost or garden soil, you can till the dirt in your yard to plant seeds and starters. Tilling is the act of loosening the soil and turning it to mix, using a hoe, pickaxe or similar tools. This can ruin the integrity of good soil, so it's best to use sparingly. Ideally, if soil is unfit for planting, there are a couple no till methods that will be included in the Permaculture section that require the addition of good soil, or extended periods of time.

With tilled, non composted soil you will need to feed your plants with liquid fertilizers and kitchen scraps buried below the roots. Fruit and vegetable scraps are great to bury in your garden. Things not to bury: meat, dairy, fats, oils, pet waste, diseased plants, and anything inorganic. Anything you bury should be chopped, blended, etc. in order to break down for your plants faster.

An easy way to make liquid fertilizer is to weed your yard and garden. Many weeds pop up in your garden to bring nutrients to the soil that it's missing by tapping further into the ground.

Fill a bucket halfway with these weeds and cover with water, seal and allow to ferment for a few weeks in a dry place, stirring every few days. Dilute with water at around a 1 to 10 ratio and use every 2 to 3 weeks. Less if your plants are younger as too much can "burn out" plants. This can be done with grass clippings as well.

The last important part of gardening is ground cover. Mother nature doesn't like bare ground, if you don't cover it she will. Ground cover plants such as mallow, squash, clover, etc. can work for this but just as good is a mulch. This can be wood mulch or if you have no access to mulch you can use grass clippings/ cuttings. Add 1-2 inches when plants can peak above about 1-2 inches above. This helps with water retention, temperature control, and nutrient delivery, as when you water over plants nutrients will seep into the soil from the mulch.

## High yield and quick harvest crops.

Plant multiples but save seeds in case you can't obtain any from your growth. Avoid monoculture, plant multiple plants together, with enough space to breathe. Some plants work well together but others will work against each other.

- **Sprouts**

Certain plants can be sprouted and eaten as sprouts within just a few days. This can double up as seed starting, and seeds can be saved from matured plants to start again. Lentils, alfalfa, mung beans, broccoli and radish make good sprouts. Do not use tomato, paprika, eggplant, or rhubarb. You'll need two containers, one that will drain water and one that won't; your seeds; and water. In the non-draining container, soak your seeds with water overnight (*~12 hours*), covered with a lid, napkin, washcloth, etc. Strain seeds and spread them over the draining container, try to distribute evenly to prevent mildew. Set aside over top of the non-draining container to catch any left over water. This is good water to use in the garden, full of nutrients from the seeds. A couple times a day (*at least twice*), rinse the seeds and re-spread them in the draining

container. Be sure to rinse before night, they shouldn't be left more than 10-12 hours without being rinsed. After 3-4 days, a white root should be seen emerging from each seed. At this point, exposing them to sunlight will increase their nutritional value. Continue rinsing for a few more days. At the 5-6 day mark, your sprouts should be fairly green and ready to eat raw or cooked.

- **Beans**

Bush beans are a great place to start as they don't require any trellis to grab on to and can start producing pods in less than two months, and will continue to produce if you keep them picked. Can be planted any time in the warm season, after ground has thawed. Seed directly into the ground 1 inch deep, 2 inches apart. Need a lot of water, water whenever soil is dry, about 2 inches a week after flowering. Prefer full sun. Freeze or can to preserve.-Keep away from: garlic, onions, peppers, sunflowers

- **Zucchini**

Zucchini is a summer squash, best planted after any danger of frost. They require vine support, a trellis or string to climb. Keep soil moist and harvest when fruit is 6 to 8 inches long. Seed 1 inch deep and 2 to 3 feet apart. -Keep away from: pumpkins, potatoes

- **Radishes**

Hardy root vegetables, can be planted in both spring and fall, summer heat will stunt growth and cause bolting. Give them as much sun as possible, even shade from other plants will produce larger leaves and smaller roots. Sow 1/2 to 1 inch deep, 2 inches apart. Keep soil evenly moist. Sow every 10 days for continuous harvest. Finish harvest before frost. Some varieties can be harvested 3 weeks after sowing.-Keep away from: hyssop, kohlrabi

- **Spinach**

Cold hardy, plant in early spring, fall and early winter. Requires 6 weeks of cool weather from seed to harvest. Full sun to light shade. Sow 1/2 inch deep every 3-4 inches. Keep soil moist. Weed carefully, roots are easily damaged. -Keep away from: potatoes, dill, fennel, sunflowers

- **Potatoes**

Seed potatoes from certified stores will be disease resistant, however any potato can essentially be planted as seed. Plant 2 weeks after last spring frost. Potatoes like sunny, cool weather and well draining soil. Seed potatoes can be cut into golf ball sized pieces as long as each piece has 1 to 2 "eyes" (*divots, or pits that will grow stems*). Plant near soil's surface, covering with 3-4 inches of soil. Maintain even moisture, especially after sprouting. As the stems grow, cover with soil or grass clippings to cover stems, leaving a few inches above. Make sure any growing potatoes are covered. Exposure to sunlight can turn the potatoes green and toxic. Discard any fruit from above ground vines, they are toxic and will not produce more potatoes. Harvest 2-3 weeks after foliage dies. Cut foliage and bury or use in composting. Avoid cutting potato skins, growing medium should not be compact. Put fresh potatoes in a cool dry place to cure skin for up to 2 weeks, though they are ready to eat. Bucket method: Potatoes can be grown without yard space in a bucket. Plant seed potato(es) with 3-4 inches above and below. Drill holes in your bucket to drain soil better. Drill holes in the side of the bucket to allow more tendrils to reach the sun. -Keep away from: tomatoes, squash, raspberries, carrots, asparagus, turnips, fennel

- **Carrots**

Make sure soil is loose, plant in spring or fall, can tolerate frost. Used coffee grounds make good fertilizer. Sow 1/4 inch deep 3-4 inches apart. Can take 3 or more weeks to show leaves, patience. Covers that allow light through can help prevent pests. Cover after sprouting and only uncover to water, weed, or harvest. Water when dry, keep moist once roots begin to mature. Brush away much and surrounding soil to see the top layer of root development (sparingly). Harvest when desired. Frost encourages tastier carrots. Keep away from: anise & dill.

## **2. Permaculture**

Permaculture in this guide refers to establishing a self reliant garden. This is not a comprehensive guide, but direction on where to begin. If we don't think about these things we run the risk of depleting our soil of nutrients and becoming susceptible to crop failure. Learn to listen to the land.

### **Guild planting**

Certain plants work well together, utilizing this is called companion planting, or guild planting. A well known example of a guild are the three sisters: Corn, Beans, and Squash or Pumpkin. Plant your corn first, after any threat of frost has passed. Once it's grown about 5 inches or so, plant your pole beans beside each corn plant. The corn acts as trellis for the beans, and the beans help supplement nitrogen for the corn. Once beans have sprouted and begun climbing, introduce started squash or pumpkin which will act as ground cover, helping to keep weeds down and pests away. This is one example from the first nations of how you can use the natural aspects of plants to your advantage. Look into the farming methods of indigenous peoples in your area.

Many herbs can act as repellents, masking the scent of your main crop. Dill and basil protect tomatoes from common pests, while marigolds can repel beetles and some animal pests. Aphids will prefer Nasturtium to anything else, plant some away from your crop and deal with them there. Carrots, dill, parsley, and parsnips will attract praying mantises, spiders, and ladybugs that will eat insect pests. Some plants just exist well next to one another. Chard and other leafy greens appreciate the shade of corn or sunflowers, as well their roots occupy different soil levels and so don't compete for nutrients. Trees often fit well into plant guilds. Fruit trees, nut trees, and even citrus trees can be highly useful to neighborhood autonomy. Attempt to grow native species of trees, so that they can be here long after you.

Many crops listed in this guide have plants they do not work well next to, as they will compete for nutrients or have other negative effects. As you grow, attempt to log the effects of different companions, and think of new combinations for next growing season. Never stop learning from nature.

## Mulching

It's been covered before, but mother nature does not like bare soil. If you don't cover it, she will with weeds. It's also been covered how those weeds can be turned into liquid fertilizer. Another method to mulching is called chop & drop. Roots of your crops attract microorganisms that promote healthy soil, so anytime we can leave the roots of crops we are no longer growing, we should do so. However, once harvested you'll want to make room for the next crop. This is where we recommend you chop at the soil level and drop those leaves and stems right where you are, acting a mulch and returning all those nutrients to the soil. You can chop these smaller to decompose faster, and/or work them into the soil.

When using wood chips as mulch, attempt to keep them above the soil, and not work them into the soil until they are no longer recognizable as wood. Use a rake or your hands to move your wood chips aside before doing any soil work, then move them back when finished. This is because wood consumes nitrogen to decompose, and if buried, will pull from the soil what the crops need to grow. On the surface as mulch, it only takes a small bit from what touches the soil, not enough to hamper crop growth.

## Composting

The people of the first nations would bury fish, high in nitrogen, in the place they would plant their corn soon after. Feed the earth and it will feed you.

Examples of what to add to a compost pile: Vegetable and fruit scraps, eggshells, used coffee grounds, tea bags, grass clippings, leaves and small branches. What not to add: Meat, dairy products, fats, oils, pet waste, diseased plants, anything inorganic. These organics can be composted but will cause problems if you do not have the right conditions. If you'd like to start composting these things, it is possible with some extra research.

Turn your organic waste into useful soil and fertilizer. The easiest way to begin composting is to chop kitchen scraps into small pieces and bury them in the garden where no critters are going to dig them up, no deeper than 3 ft. This is often best done a few weeks before planting your main crop. The next easiest way is to begin a heap or pile in an unused corner of the garden. Work with your community, it may be easiest to find a spot for a community compost pile.

There is a most efficient ratio between "green" and "brown" material but no matter your ratio, the organic material will decompose and become a nutrient rich soil amendment. Keep a pile of grass clippings near your main compost pile and use those to create a layer over anything you place in the pile that will attract flies, critters, or cause bad smells. Keep your pile moist to help with decomposition.

Aim to "turn" your pile every few weeks. Using a pitchfork or shovel pickup, rotate, mix your compost pile. This is usually easier to do if you have a second spot nearby to put your pile, also freeing space to start another "first" pile to place your new scraps in without mixing them with another stage of decomposition, which creates pockets of scrap in your soil. Compost is ready when it looks dark and crumbly and has an earthy smell, with no recognizable scraps.

## **Vermicompost**

If you have some worms and a few buckets (3) you can make your own potent fertilizers, both liquid and solid. Two buckets will need small holes drilled in the bottoms, big enough for the worms, and the third you will want a spigot or cork, something to drain the bucket with. The bucket with the drain should have something like a brick to sit inside, to ensure the next bucket won't sit in collected fertilizer. The next bucket will be filled with food scrap, be sure to add some smashed eggshells or a bit of sand: worms need grit to digest organic material. A layer of grass clippings or straw on top will help keep smell and flies away. As the worms feed, keep them moist by misting the scraps every few days. The next bucket can be filled and set a top the second. The holes at the bottom will allow the worms to move up towards the new food when they've finished what they are in. When they do, the bottom bucket can be added to the garden. As you water the worms, collect what pools in the lower bucket, this is known as worm tea, dilute it and feed it to your plants. Not good for drinking. Worms are really good at 2 things: eating decaying organic material, and multiplying. You can start with 1 worm, it may be slow going at first but you can add them as you find them in your garden. Before you know it you'll have enough to use as bait.

## **3. Preservation**

How do we eat outside the growing season? How do we even eat a few weeks after harvest when the food begins to wilt and go bad? Different crops have different storage methods, and you should take wisdom from those who have preserved their own food before, as this can be life or death.

### **Curing**

Allowing certain vegetables to sit in a dry, room-temp environment to harden their skins and protect from spoilage. Potatoes, pumpkins, garlic, onions, shallots, winter squash, and sweet potatoes will benefit from a curing process and can last up to 6 months sometimes, depending on storage method. Most prefer to be stored in a dark, cool pantry.

### **Blanching**

For best quality, you should blanch most vegetables before freezing, drying, or dehydrating. This is just the act of boiling a vegetable for 30 seconds to 2 minutes, then using cold water to shock. This preserves color, texture, and flavor.

## Fermentation and Pickling

Fermentation is the process of allowing food to sit in a brine and produce beneficial bacteria. The process of pickling lowers the PH of the food to the point of killing most bacteria. These methods are similar but not the same, and both have ways of going wrong. Find a more comprehensive guide for these methods, but we will walk over a simple fermentation recipe and how to tell if somethings gone wrong and you need to compost the jar contents and start over.

You will need:

- Air tight jar
- Chopped vegetables (fill the jar to 1 inch below the rim)
- 1 1/2 tablespoons of salt
- 1 quart clean water
- 1 cabbage leaf (alternatives available, read on)

Instructions:

1. Wash and chop vegetables into chunks or sticks, fill jar leaving 1 inch of space at the top.
2. Mix the salt and water to create a brine and pour over the vegetables, still leaving 1 inch of space at the top.
3. Remove any air bubbles with a butter knife or other utensil.
4. The cabbage leaf can then be used to secure all your vegetables below the brine. Depending on your jar, some carrot sticks crossed and tucked can be used, or a clean glass puck, or even a clean rock.
5. Now, close the lid. And store at room temperature. If your lid is metal, use a layer or two of plastic wrap to prevent corrosion.
6. Using a regular lid, you will need to “burp” the jar every day or two to release pressure. Simply unscrew the lid until you hear pressure escape and then reseal.
7. You can allow this to ferment as long as you’d like, until desired flavor is reached. Cold storage will halt fermentation.

If you notice brown spotting on your vegetables, mold or slime on the brine (a white film is normal), a foul odor (sour is normal), these can be signs of oxidation and you should compost and start over.

Fermentation produces CO<sub>2</sub>, which is why we need to burp the jars. Otherwise your jars can break, and your brine will leak everywhere. It may be best to store your fermenting jars in a bowl or pan that will catch anything that leaks.

## Dehydrating

There are many methods of drying or dehydrating foods, and many different recipes for doing so. You can blanch and dehydrate onions and garlic and turn them into powders or long lasting soup additions.

The easiest method of dehydrating is to turn your oven on the lowest setting and propping the door open, allowing air flow. That's all that's needed, a low heat and air flow. In some places, you can even use the heat of the sun. Ensure what you want to dehydrate is showing as much surface area as possible by slicing or dicing it. Fruit leathers can even be made by blending fruit leftovers and spreading it on parchment paper to dehydrate.

## Canning

While preservation methods like fermentation and drying have been used by humans for most of known history, canning is relatively new, occurring in the early 1800s. It breaks the rules of natural preservation by keeping food wet and without airflow in an anaerobic environment. Follow canning recipes with precision to avoid diseases like botulism. Without a specialized pressure canner you can still use water bath canning to can high-acid foods like pickles, fruits, jams, salsas, tomatoes, and vinegars. Best to prep water bath before cooking recipes.

You will need:

- Large, deep sauce pot with a lid and rack (to keep cans from touching the bottom of the pot)
- Glass jar with lids and bands (re-used lids are less likely to seal)
- Jar lifter (something that can safely grab a jar from inside boiling water)
- Butter knife
- Paring knife
- Ladle
- Funnel

Instructions:

1. Fill pot at least halfway with water, cover and maintain a simmer until jars are filled and placed inside.
2. Wash all jars and lids in hot soapy water.
3. Check for cracks in jars or sealing issues with lids, rinse and place jars in pot to preheat (if canning hot food).
4. Prepare food for canning.
5. Remove jars and fill using funnel, knife, etc. Use a butter knife or rubber spatula to remove trapped air from the jar. Leave space between food and lid, varies by recipe.
6. Use a clean, damp cloth to remove any residue from the top of the lid and threads. Cover with lid and secure with band, finger tight.
7. Place jar in canner, repeat until all jars or all food is used. Attempt not to let jars touch, can cause breakage. Ensure water covers jars by 1-2 inches.
8. Place lid on pot and bring water to a rolling boil. Allow to process depending on recipe.
9. Shut off heat and remove pot lid. Allow to sit for 5 minutes to acclimate. Remove jars and set upright on a towel, leave jars undisturbed for 12-24 hours.

10. After, inspect lid seals, should be no flex when pressed. Remove band and lift jar by the lid, it should remain secure. If lid hasn't sealed, refrigerate immediately. Otherwise, should be good for up to 18 months stored in a cool, dark, dry place.
11. Be sure to label your jars with what it is and when it was canned. Refrigerate after opening.

## 4. Cleanliness

Staying clean is important to staying healthy. Here are a few different ways to do so without the supermarket.

### Vinegar

Vinegar is a useful disinfectant and can be made at home with sugar, water, and fruit scraps. In a sealable jar, add about 1/16 it's volume of sugar (if it's a gallon jar add 1 cup) and fill halfway with warm water. Add your fruit scraps (orange peels, apple rinds, etc) and top off with more water. Seal and shake to dissolve sugar. Unseal and use a butter knife or plastic spatula to ensure no air bubbles remain. Cover with a cloth or fabric and secure with a rubber band or something similar. Let sit in a warm spot for 30 days, strain and store in a clean container. Use your vinegar for disinfecting kitchen counters, canning supplies, etc.

### English Ivy

English Ivy is an invasive species to north America, turtle island. We do not recommend cultivating it, but if it grows nearby it can be a useful detergent for laundry, floors, and other surfaces. We recommend using gloves to harvest and handle.

If washing in a basin (laundry machine, etc) a few leaves of ivy wrapped in something that will allow for easy removal, like a sock, can be added to the water. Crush, crimp, or chop the leaves to increase the amount of saponin released.

To create a detergent, collect anywhere from 40 to 60 leaves and boil them in about 4 1/2 cups of water for 15 minutes. Let cool for a few hours and squeeze the leaves dry, add to compost pile. Drain the water and add to clean container. You now have a detergent. You can extend the shelf life by adding 1 part vinegar to 5 parts detergent.

### Soap

Remove bacteria and dirt from your hands and body with a bar of soap. To make this you'll need a fat, lye, water, and any aromatics you want to add. This process can be dangerous, lye is a reactive compound and safety should be prioritized. Whenever working with Lye you should wear eye protection and gloves and cover as much skin as you can. Wherever you are working with lye should be well ventilated. If possible, work should be done outside.

## **Fat**

Any animal or vegetable fat (oil) should do for this recipe. Animal fat should be rendered: cut up the fat and melt it in a pan with enough water to cover. Once melted, strain to remove any meat. Allow to cool, fat and water will separate, pick up solid fat and scrape off any gelatinous build up. This will last up to a year in a fridge or if sealed airtight, could last indefinitely. Throw out if smell becomes rancid.

## **Lye (Sodium Hydroxide)**

Lye is made from steeping wood ash in hot water, or can be bought at your local hardware store. Use caution once lye is produced, eye protection and gloves heavily recommended when handling lye. Check your state and municipality for storage laws. Wood ash is different from charcoal, you want the white flakes leftover from a wood fire. Wrap your ash in a cloth, boil enough water to submerge (make sure water pot is not aluminum) it in and let it steep for about 2 hours. Drain the cloth and evaporate the water. You can boil this speed up the process, but allow the rest of the water to evaporate in the sun to avoid burning the lye. You should be left with a solid substance that looks like salt. Use gloves and tools to harvest and store in an airtight container of glass or plastic (aluminum will be damaged by lye). Label properly and store out of reach of children.

Instructions:

1. Mixing in a non-aluminum pot, and in a well ventilated area, slowly add 1 cup of cold water to 7 tablespoons of lye and mix well.
2. Warm the mixture to about 100 degrees Fahrenheit.
3. In another pot melt 2 cups of fat.
4. Mix the lye and fat together and stir until it reaches about a melted chocolate consistency.
5. This is where you would add your aromatics.
6. Let this set for a day or two.
7. Lye is still active, remove solid bar from pot and set out to cure for another 4 weeks.
8. After this, your soap is ready to use.
9. This is rough on the skin and will irritate the eyes, but it will help reduce the spread of germs and bacteria.

There are other methods of soap making, but you will always need lye and fat.