



RULES: PREPARE PHASE

Overview

You are gathered in your sectors as part of an ongoing process to build coalitions within and across each of the sectors in our community. Your goal is to help our city become more resilient.

Investing in Resources

Your table has been given a set of 24 resources to consider. But time and funding are limited! As a group, select 12 resources to keep (invest in) and 12 to discard.

Then, distribute your selected resources among the players at your table.

Things to Consider

Consider what you know about the city, and think about the role that your sector plays in the community.

- ⇒ What are the city's strengths and weaknesses?
- ⇒ What disasters pose the biggest threat?
- ⇒ Which resources can your sector bring to the table that will be the most valuable for making the city more resilient?



RULES: RESPOND PHASE

Overview

Your neighborhood is facing a challenge.

There are two viable options. You'll work with your neighbors to pick an option. Ask yourselves two questions:

1. What's the right thing to do?
2. What's best for the city as a whole?

Under each option is a list of resources you need.

Goals

Your goal is to fill all five categories for your selected option.

You also want to contribute to the resilience of the city as a whole.

Completing a Solution

- ⇒ Add a resource card to your board by placing the card onto its corresponding spot on your board.
- ⇒ If there is an "OR" between two resources, you need ONE or the OTHER to fulfill that category.
- ⇒ If two resources are next to each other and there's no "OR" between them, then you need BOTH cards to fulfill that category.
- ⇒ You may switch to the other option on your board at any time. There is no extra credit if you complete (or attempt) both options.

Exchanging Resources

To give or trade a resource, simply hand the resource card to the other player.



HOUSEHOLDS RESOURCE DESCRIPTIONS

You are the foundation of your community, with a strong connection to the local neighborhoods in the city. You are a diverse, dynamic group, spanning everyone from babies to retirees. You represent a variety of living situations, including renters and homeowners and people who live alone, in groups, and with their families.

Resources

Antibacterial Face Masks: personal face masks to reduce dust inhalation and prevent the spread of infectious disease

Bedding & Sanitary Supplies: cots, blankets, paper products, hand sanitizer, and trash bags

Citizen Volunteers: people who give their time to community causes

Comprehensive Disaster Plan: a detailed plan for how your household will prepare for, respond to, and recover from adverse events

Emergency Supply Depot: central depot with emergency food, sanitary, and medical supplies

EMT-Trained Citizens: volunteers trained to respond to medical issues, injuries, and accident scenes

Fire Extinguishers: extinguishers at-the-ready to contain fires

Fireproof Safe: a safe to protect critical records from fire or water damage

Fire-Resistant Building Materials: walls and roofing made from materials that burn slowly and do not easily ignite

Flashlights, Batteries, Solar Charger: back-up lighting and power supplies

Food, Water, First-Aid Kit: supply of non-perishable food, bottled water, and basic medical supplies

Knowledge of Road Conditions: access to real-time knowledge of roads (maps) and road conditions in your area

Life Vests: supply of life vests in various sizes to provide emergency floatation

Mobile Devices: personal communication devices such as cell phones and tablets with backup batteries

Pet Carriers and Food: supply of carriers and food for pets, such as dogs and cats

Propane Heater: portable heater with fuel supply

Strong Interpersonal Networks: close associations among people in your community

Sturdy Tarps: supply of tarps to protect property or provide temporary shelter

Underground Concrete Shelter: reinforced below-grade shelter with a sturdy door

Up-to-date Immunizations: all vaccines that are recommended for people in your area

Warm Clothing: supply of coats, hats, gloves, and boots for protection against cold weather

Water Purification System: individual filter systems that make water safe to drink



COMMUNITY GROUPS RESOURCE DESCRIPTIONS

You are dedicated to providing important services for the city residents through philanthropic, nonprofit, religious, and other endeavors. You are tightly connected to one another and to local residents. Some of you bring people together and provide gathering places. Others provide food, supplies, or specialized services for at-risk residents.

Resources

Agreements with Neighboring Communities: strong working relationships with organizations similar to yours in nearby cities

Antibacterial Face Masks: personal face masks to reduce dust inhalation and prevent the spread of infectious disease

Buses: a fleet of buses with extra fuel

Cars: vehicles owned by your organization and members of the community you serve

Citizen Volunteers: a group of people who make your mission possible through their contributed time

Contingency Plan: how your organization will handle temporary interruption of services to your community

Critical Records Back-Up: off-site, hard-copy or secured electronic storage for contact lists and other information critical to your organization's operation

Emergency Contact Information: cell phone numbers and other contact details for your employees, volunteers, and community network

Fire Extinguishers: extinguishers to contain fires

Fire-Suppression System: up-to-date sprinkler system to contain fires building-wide

Generator with Fuel: backup power in case of electrical outage

Knowledge of Disadvantaged in Community: high level of awareness of those with special needs in your community

Large Trucks: trucks with fuel for transporting goods

Latex Gloves: supply of gloves to provide protection during medical emergencies, support personal hygiene, and reduce the spread of disease

Mountaineering Knowledge: familiarity with wilderness navigation and survival techniques

Pet Carriers and Food: supply of carriers and food for pets, such as dogs and cats

Portable Cooking Stove: camp stove with fuel for boiling water or cooking food

Propane Heater: portable heater with fuel supply

Shelter & Basic Supplies: a building capable of sheltering 300 people

Small Motorboats: small boats with fuel to transport people or property

Strong Interpersonal Networks: connections with other community groups to ensure optimal use of resources

Underground Concrete Shelter: reinforced below-grade shelter with a sturdy door

Warm Clothing: supply of coats, hats, gloves, and boots for protection against cold weather

Water Purification System: portable system that makes water safe to drink



BUSINESSES RESOURCE DESCRIPTIONS

You are the backbone of the city's economy and a critical part of its vibrant downtown district. You represent a variety of businesses from small, independent shops and service-providers to large chain stores and financial institutions. The majority of your employees live in the city and are active in their neighborhoods.

Resources

Antibacterial Face Masks: personal face masks to reduce dust inhalation and prevent the spread of infectious disease

Bedding & Sanitary Supplies: cots, blankets, paper products, hand sanitizer, and trash bags

Box Fans: large fans to cool overheated spaces

Building-Wide Air Filter: filter to remove fine particles from the air, reducing exposure to dust, chemicals, and biological agents

Citywide Alert System: 80% of staff in your business registered in citywide emergency alert system

Contingency Plan: your business's plan for handling temporary interruption of services to your community

Emergency Command Center: a designated secure space from which to coordinate response activities during an emergency

Emergency Contact Information: list of home addresses and cell phone numbers of all employees

Emergency Practice Drills: drills to prepare your staff and managers to respond appropriately to various types of emergencies

Emergency Supply Depot: central depot with emergency food, sanitary, and medical supplies

Fire Extinguishers: extinguishers to contain fires

Fire-Suppression System: sprinkler system to contain fires building-wide

Food, Water, First-Aid Kit: supply of non-perishable food, bottled water, and basic medical supplies

Generator with Fuel: backup power in case of electrical outage

High-Security IT System: securely-designed network with strong anti-virus protection

Mobile Devices: communication devices such as cell phones and tablets

Pet Carriers and Food: supply of carriers and food for pets, such as dogs and cats

Portable Cooking Stove: camp stove with fuel for boiling water or cooking food

Propane Heater: portable heater with fuel supply

Sandbags: emergency supply to control flooding

Sturdy Tarps: supply of tarps to protect property or provide temporary shelter

Warm Clothing: supply of coats, hats, gloves, and boots protect against cold weather

Two-Way Radios: battery-powered radios to aid communication among staff and with external partners

Water Purification System: portable system that makes water safe to drink



FIRST RESPONDERS RESOURCE DESCRIPTIONS

You are professionals who devote your careers to keeping others safe. You faithfully serve the city by enforcing the law, providing medical help, responding to emergencies, and maintaining and repairing the city's basic infrastructure such as roads and utilities. You are highly knowledgeable about your community and have close connections with state and regional partners.

Resources

Ambulances: fully-outfitted ambulances to respond quickly to medical emergencies

Biohazard Suits: suits to protect responders from harmful chemical or biological agents

Citywide Alert System: ability to send messages to the public via sirens, broadcast media, text, phone, email, and social media feeds

Emergency Command Center: facility equipped to serve as a base of operations from which to coordinate response activities during an emergency

Emergency Supply Depot: central depot with emergency food, sanitary, and medical supplies

Established Command Structure: a structure to put the different roles and responsibilities of local, state, and federal responders into action

Fire Trucks: fully-outfitted trucks to respond quickly to fires

Fire/Rescue Personnel: personnel trained in firefighting, search and rescue, and emergency medical response

Gas Masks: breathing apparatus to provide protection from harmful chemical or biological agents

Geiger Counter: instrument for detecting radiation

Mountaineering Knowledge: familiarity with wilderness navigation and survival techniques

Paramedics: personnel trained in emergency medical care

Police Officers: additional personnel trained in public safety

Portable Quarantine Tent: temporary shelter for providing medical services or reducing the spread of disease

Regular Vegetation Maintenance: regular trimming of trees and other vegetation around critical infrastructure such as roads and power lines

Road-Clearing Crew: personnel and heavy equipment to quickly manage downed trees and power lines

Sandbags: emergency supply to control flooding

Search & Rescue Dogs: dogs trained to find lost or trapped people

Snow Plows: trucks equipped to quickly clear roads of snow and ice

Temporary Road Signs: stockpile of signage to communicate detours and road conditions

Thermal Imaging Camera: cameras that use infrared radiation to find lost or trapped people

Two-Way Radios: battery-powered radios, set to the same frequency, to aid communication among crews

Up-to-date Immunizations: stockpiles of vaccines for the primary disease threats in your area

FIRST



LOCAL & STATE GOVERNMENT RESOURCE DESCRIPTIONS

You are committed to serving the best interests of the people and businesses of the city. Among you are elected officials, managers of city and state operations, and many governing members who keep the city and state running. You are closely connected with each other and have good working relationships with the city's first responders and the federal government.

Resources

Building-Wide Air Filter: filter to remove fine particles from the air, reducing exposure to dust, chemicals, and biological agents

Buses: a fleet of buses with extra fuel

Cargo Plane: a large plane to transport goods and emergency supplies

Citywide Alert System: ability to send messages to the public via sirens, broadcast media, text, phone, email, and social media feeds

Contingency Plan: how your organization will handle temporary interruption of services to the community

Coordinated Traffic Management: plan to ensure orderly transit during adverse events or when detours are necessary

Critical Records Back-Up: off-site, hard-copy or secured electronic storage for contact lists and other information critical to your organization's operation

Detailed Flood Maps: science-based analysis of the city's vulnerability to flooding

Disaster Recovery Plan: a detailed plan to quickly resume the city's normal operations after an adverse event

Emergency Evacuation Route: signage and established priority roadways to ensure orderly evacuation in case of emergency

Emergency Response Training: training and drills to prepare your staff to respond appropriately to various types of emergencies

Established Command Structure: a structure to put the different roles and responsibilities of local, state, and federal responders into action

Fire/Rescue Personnel: personnel trained in firefighting, search and rescue, and emergency medical response

Fire-Resistant Building Materials: local building codes that encourage the use of building materials that burn slowly and do not easily ignite

Hazard-Reducing Building Codes: standards to reinforce buildings against hazards such as violent weather, earthquakes, and flooding

High-Security IT System: securely-designed network with up-to-date virus protection

Levee System: citywide network of embankments to provide first-line flood protection

Police Officers: personnel trained in public safety

Regular Vegetation Maintenance: regular trimming of trees and other vegetation around critical infrastructure such as roads and power lines

Search & Rescue Dogs: dogs trained to find lost or trapped people

Seismic Monitors: network of monitors to provide early warning of earthquakes, tsunamis, and volcanic eruptions

Snow Plows: trucks equipped to quickly clear roads of snow and ice

Upgraded Gas Lines: maintenance of natural gas utility lines to reduce the likelihood of gas leaks and bolster against damage from adverse events

Upgraded Water Pipes: maintenance of the city's water pipes to reduce the likelihood of pipe bursting and reduce damage from adverse events

LOCAL & STATE



FEDERAL GOVERNMENT RESOURCE DESCRIPTIONS

You are leaders in agencies of the U.S. federal government with a wide range of expertise, data, and tools to support community resilience. You represent leaders in the federal government's emergency response network, assistance programs, and science agencies. You have representatives who live in the city and are well-connected with local and state officials as well as first responders.

Resources

Asteroid Early Warning System: network of satellites to detect space rocks on a trajectory to collide with Earth

Biohazard Suits: suits to protect personnel from harmful chemical or biological agents

Cargo Plane: a large plane to transport goods and emergency supplies

Comprehensive Disaster Plan: a detailed plan for how the nation will prepare for, respond to, and recover from adverse events

Critical Records Back-Up: off-site, hard-copy or secured electronic storage for contact lists and other information critical to your organization's operation

Detailed Flood Maps: science-based analysis of the city's vulnerability to flooding

Emergency Command Center: facility equipped to serve as a base of operations from which to coordinate response activities during an emergency

Emergency Evacuation Route: signage and established priority roadways to ensure orderly evacuation in case of emergency

Emergency Practice Drills: drills jointly conducted with state and local responders to prepare for various types of emergencies

Established Command Structure: understanding of the different roles and responsibilities of local, state, and federal responders

Flood Insurance: National Flood Insurance Program to reduce the risk of flooding and provide financial protection for property owners

Gas Masks: breathing apparatus to provide protection from harmful chemical or biological agents

Geiger Counter: instrument for detecting radiation

Hazard-Reducing Building Codes: standards to reinforce buildings against hazards such as violent weather, earthquakes, and flooding

Health Information Database: electronic database to facilitate retrieval of medical records during an emergency

Helicopters: helicopters with pilots and fuel to transport the injured and survey the region

Medical Isolation Room: room with special ventilation and other protections to prevent the spread of disease

National Guard Convoy: trucks with National Guard personnel to move supplies and people and to protect public safety

Natural Flood Buffer: infrastructure along coast to absorb storm surge and reduce flooding

Portable Quarantine Tent: temporary shelter for providing medical services or reducing the spread of disease

Rescue Boats: inflatable boats with fuel to transport people or emergency supplies

Seismic Monitors: network of monitors to provide early warning of earthquakes, tsunamis, and volcanic eruptions

Thermal Imaging Camera: cameras that use infrared radiation to find lost or trapped people

Water Survival Suits: suits to provide floatation and protection in case of being lost at sea

FEDERAL GO