

FIRE RESILIENT FUTURE MIND MAP

Citywide brainstorming worksheet

START WITH THE CITY Where is the city located? Who lives there? Why do residents choose it? What makes it futuristic and innovative?

Build a Complete City

CITY BASICS Location, climate, population, terrain, natural features, WUI boundaries	LAND USE & ZONING Residential, commercial, industrial, mixed-use, agriculture, green space, defensible space	TRANSPORTATION Roads, transit, evacuation routes, responder access, redundancy, accessibility	UTILITIES & ENERGY Water, power, communications, waste, microgrids, underground utilities, backup systems
HOUSING & STRUCTURES Fire-resistant materials, home ignition zones, schools, hospitals, critical facilities	ECONOMY & GOVERNMENT Jobs, taxes, regulations, incentives, insurance, rebuilding funds	COMMUNITY & SERVICES Health, education, public safety, vulnerable populations, recreation, culture	ENVIRONMENT Vegetation, forests, watersheds, air quality, wildlife, restoration, climate adaptation
PREVENTION Risk mapping, early detection, ignition reduction, vegetation management, zoning, education	PROTECTION Building resilience, evacuation, firefighting, resilient infrastructure, shelters, communications	RECOVERY Temporary housing, rebuilding, ecosystem restoration, business continuity, mental health, equity	INNOVATION & TRADE-OFFS AI, sensors, materials, engineering roles, costs, risks, benefits, compromises

Connect the Ideas

- ☐ Show how each prevention, protection, and recovery idea connects to a city system.
- ☐ Identify at least one benefit, one risk, and one trade-off for each major solution.
- ☐ Decide how each selected idea will appear in the essay, model, presentation, and Q&A.