

CITY Q&A BRAINSTORMING

Practice worksheet | 8-minute judge session

PRACTICE STANDARD Every presenter should be able to answer every category and point to model evidence when appropriate.

Fire Prevention

- What is the city's greatest wildfire risk?
- How does the city prevent ignition and limit early spread?
- How do zoning, vegetation management, sensors, satellites, drones, data, or AI contribute?

Fire Protection

- How do buildings, neighborhoods, infrastructure, and public spaces resist fire?
- How are people evacuated and first responders supported?
- What happens if a critical system fails?

Fire Recovery

- What happens in the first hours and days after a fire?
- How are housing, businesses, utilities, ecosystems, air, and water restored?
- How does recovery support vulnerable residents equitably?

Engineering & Technology

- Which engineering disciplines contributed and what did they do?
- Why are the technologies scientifically possible?
- How did the engineering design process improve the solution?

City Systems & Operations

- How do zones, transportation, utilities, services, economy, and government work together?
- How does the city support low-income, older, unhoused, sick, or mobility-limited residents?

Risks & Trade-Offs

- What benefits, risks, costs, compromises, and environmental impacts result?
- What would the team change with more time or resources?

Teamwork & Project Management

- How were responsibilities divided?
- What goals or schedule changed, and why?
- How did the team resolve a challenge or disagreement?

Use of Model

- Where are prevention, protection, and recovery visible?
- How does the moving part function?
- Can the model support the answer instead of serving only as scenery?

Practice Notes

Question that challenged us	Who will strengthen the answer?	Model feature or evidence