

CITY MODEL ROLES

Project management handout | 65 points

TEAM GOAL Build one safe, durable, accurately scaled model that communicates city design and visibly demonstrates prevention, protection, and recovery.

ROLE	RESPONSIBILITIES
Model Builders	Create the physical model, follow a project safety plan, use proper protective equipment, and build durable features.
City Design Leads	Coordinate zones, infrastructure, services, transportation, interconnectivity, sustainability, and accessibility.
Fire Resilience Leads	Ensure the model clearly shows multiple prevention, protection, and recovery solutions.
Scale & Survey Leads	Select and verify no more than two scales. Check measurements, terrain, boundaries, layouts, labels, and the Model ID card.
Moving Part Scientists	Design, build, test, and explain a repeatable moving part connected to city design or function.
Material Gatherers	Collect recycled, repurposed, donated, and purchased materials and document their source and value.
Budget Monitors	Maintain the Competition Expense Form and keep the combined model, presentation, Q&A, and special-award value within \$100.
Rubric Assessors	Review City Design, Build It, and Judge Assessment criteria; identify missing or unclear model evidence.

Model Team Check-In

- ☐ Basic model is no larger than 25 in. W x 50 in. L x 20 in. H.
- ☐ No more than two scales are used consistently and listed on the 4 in. x 6 in. ID card.
- ☐ Moving part is repeatable, durable, and related to city function.
- ☐ Prevention, protection, and recovery solutions are easy to identify.
- ☐ All materials are on the Expense Form; combined value is \$100 or less.
- ☐ No prohibited items are used; power is self-contained.
- ☐ Model supports the same city story told in the essay and presentation.