DISCOVERE

fuTuRe CiTy COMPETITION

What is Future City?

Future City is a project-based engineering education program that challenges middle-school students to imagine, design, and build cities of the future.

Participants learn about the wonders of engineering, use the engineering design process to address civic and social issues, and become change-makers in their own communities.

What Do Participants Do?

Guided by an educator and STEM mentor, participants:

- Use the Engineering Design Process and Project Management Cycle to explore city design and management

- Brainstorm and design a solution to a city-wide issue

- Build a scale model using recycled materials

- Record a short video to showcase their future city

- Answer questions about their city from a panel of technical judges

The Need for Future City

"Future City connects with an incredibly diverse range of students, providing the kind of exciting, hands-on experiences, resources, and mentorship that can make the difference between a student pursuing further education and a STEM career or not."

- Chris McFadden, Vice President, Turner Construction

2021 Challenge: Living on the Moon

Design a lunar city and describe how it uses two of the Moon's resources to keep the city's residents safe and healthy.

What Sets Future City Apart?

"What draws me to Future City is that students are encouraged to inquire deeply. They learn about the roles of engineering; the key aspects, levels, and layers of STEM – as they engage, many often develop an interest in pursuing a career in it someday."

- Jeffery Flagg, Future City Educator in Southern CA

Future City Participants Say It Best

- *"Future City taught me to look at the world around me in a new way."*

- *"Now I can go into a real-life city and know why things are where they are."*

- *"I love Future City. It makes my brain sweat!"*

Visit **futurecity.org** for more information!