What is the Future City® Competition?

The Capital District Future City Competition is an educational program for middle school students to use their creative, innovative imaginations to design a city of the future. The students work with their teacher coach and an engineer volunteer mentor from the community to design and build the city. The students apply math, science, engineering, and technology, as well as enhance their writing and presentation skills, through this project.

Through the September to January program, 6th, 7th, and 8th grade students work in teams to apply their imaginations and early engineering skills to design a realistic city of the future. With the guidance of their teacher and engineering mentor they will:

1. Follow the engineering design methodology.
2. Develop a Project Plan.
3. Research and write an essay on this year’s topic.
4. Build a 3-D model of their city.
5. Present their city and solution to this year’s challenge.
6. Virtual Q&A session with a panel of STEM judges.
This Year’s Essay Topic:

“Living on the Moon.” Students are asked to design a future lunar city and provide examples of how their city uses two moon resources to keep their residents safe and healthy.