Practice Questions

Judges will be given mandatory questions on competition day. Below are questions we provide to the teams for practice. The level to which teams practice answering these questions will vary depending on a number of team-specific factors.

Budget
1. How do you fund city operations (i.e. utilities, infrastructure, and public services)?
2. How did you plan your city’s budget to accommodate and encourage growth?

Industry and Jobs
1. What industries drive the economy in your city?
2. What types of jobs are available in your industrial and commercial zones?

Environment & Energy
1. How does your city prevent pollution (i.e. air and water)?
2. How do you generate power in your city and why did you choose that method?
3. How do residents in your city communicate with each other?

Transportation
1. What modes of transportation are available to your citizens?
2. How is transportation in your city futuristic and innovative?

Health & Services
1. How does your city ensure equal access and opportunity for people with disabilities?
2. What foods do your residents eat and where does the food come from?
3. What services does your city provide to its residents (i.e. police, fire, medical, sanitation)?

Lifestyle
1. Describe the education system in your city.
2. How does your city support a healthy lifestyle for its residents?
3. Why is it important for a city to have a diverse population of citizens?

Building the Model
1. What factors did you consider while laying out the zones in your city? Are the zones separate or mixed-use?
2. How did you design your moving part? How does it help your city function?
3. How does your model show your solution to the Age-Friendly City theme?

Future City Process
1. Did anything you learned about engineering surprise you?
2. Share an example of when your team disagreed about something and how you worked through it.
3. What did you learn from your research and using SimCity that you applied to your own future city?

The Age-Friendly City
1. What age-related challenge did your city address and why did you choose that one?
2. How are your team’s solutions to the age-related challenge innovative and futuristic?
3. How does your city encourage seniors to be active and independent?
4. How do your solutions to the age-friendly problem you identified positively impact the quality of life in your city - not just for seniors but for all residents?