

City Q&A Practice Questions

During the City Q&A, judges will ask teams a variety of questions like the ones below. Refer to the City Q&A rubric for more information on how teams will be judged.

Engineering & Technology

- Did anything you learned about engineering surprise you?
- What types of engineers were involved in designing your future city on the Moon?
- How did you design and build the moving part for your model?
- How did the engineering design process help you create and develop your future city?
- What is an example of innovative technology in your team's lunar city design?
- What resources did your team use to learn about engineering? Share something your team learned and how you applied it to your project.

Teamwork & Collaboration

- Did your team have any disagreements about your project? How did you solve them?
- What was the most difficult challenge you encountered while building the model segments or creating the video presentation? How did your team overcome this challenge?
- How did you divide responsibilities among your team members?
- Describe the process and schedule that your team used to create your future city.

City Systems & Operations

- What industries drive the economy in your city? What types of jobs are available?
- How does your city support low-income or vulnerable residents?
- What measures does your city take to prevent pollution and ensure sustainability?
- Describe your city's transportation system. Is it public (like today's trains and buses) or private (like an individual car) or a combination?
- What foods do your residents eat and where does the food come from?
- How do residents in your city communicate with each other?
- What does your city offer for entertainment and culture—arts, music, theater, dance, cinema, sports?

City Design

- What factors did you consider while laying out the zones in your city? Are the zones separate or mixed-use?
- Why is it important for a city to have a diverse population of residents?
- How does your city design ensure equal access and opportunity for people with disabilities?
- How does your city support a healthy lifestyle for its residents?

Living on the Moon

- What is something you learned about the Moon? How did you apply it to your future city?
- Where on the Moon is your city located? What are the benefits and drawbacks of your chosen location?
- How will your residential designs create comfortable places for people to sleep, eat, relax, and exercise?
- What two Moon resources did your team choose? How is your city's use of these resources futuristic and innovative?
- How does the city obtain the two resources?
- How does your city protect your citizens against Moon hazards?