

Omni Theater Educator Resource

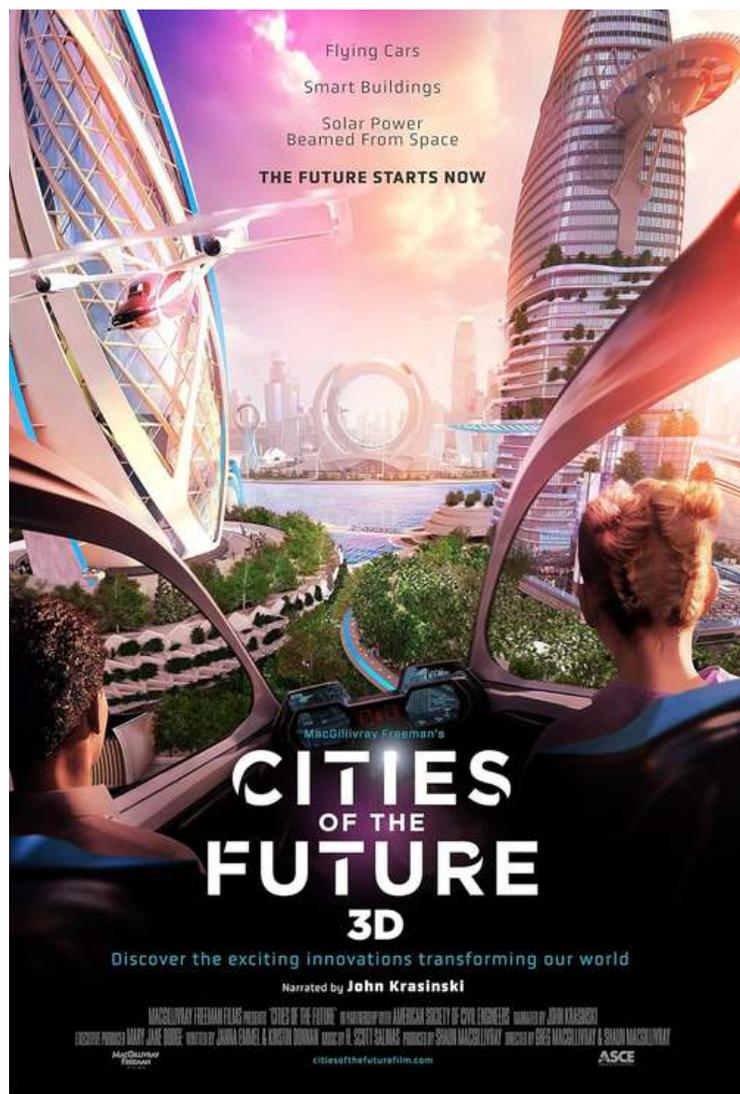
Fort Worth Museum of Science and History

FILM OVERVIEW

Cities of the Future transports students to the front lines of innovation, where scientists, engineers, architects, and students are reimagining how cities can become more sustainable, efficient, and livable. Filmed in locations around the world, the giant-screen experience showcases cutting-edge technologies and bold ideas designed to address real-world urban challenges such as population growth, transportation, energy use, and environmental impact. The film emphasizes that the cities of tomorrow are already being designed and tested today.

A key focus of the film is how collaboration and creative problem solving drive urban innovation. Students will see real-world examples of smart infrastructure, green buildings, renewable energy solutions, and advanced transportation systems. The film also highlights students and young innovators actively participating in designing solutions for their own communities, reinforcing the message that today's learners can help shape the future.

Throughout the viewing experience, students are encouraged to think like engineers and city planners by examining how science, technology, and design work together to solve complex problems. Teachers may wish to prompt students to watch for examples of systems thinking, energy use, environmental stewardship, and how design choices impact people's daily lives. The film supports STEM career awareness and shows the importance of teamwork, testing, and iteration.



CLASSROOM CONNECTIONS

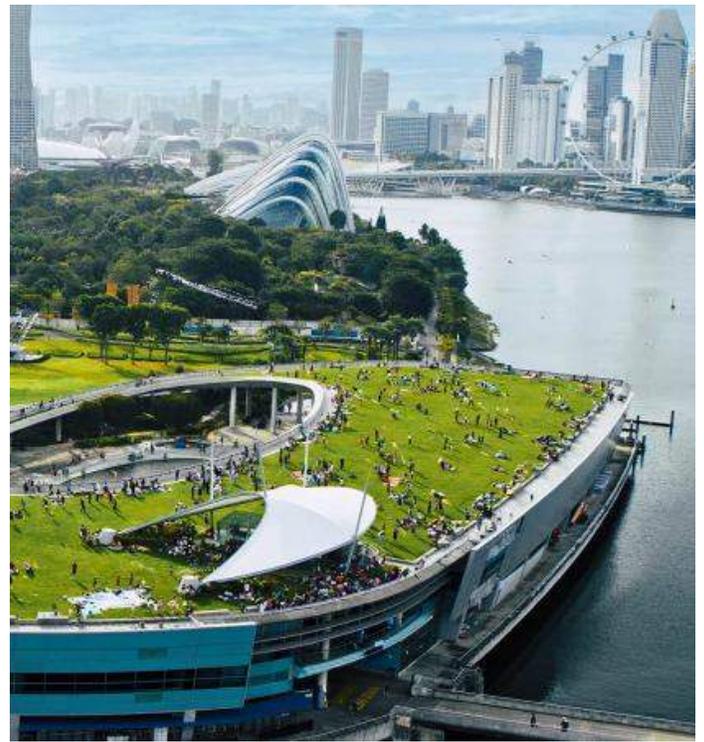
Science & STEM Connections:

- Investigate how energy is used and conserved in modern systems.
- Explore how engineering design solves real-world problems.
- Examine how human activities impact the environment and how technology can reduce those impacts.

Social Studies Connections:

- Analyze how population growth and urbanization change communities.
- Explore how innovation and technology shape how people live and work.
- Connect geographic factors to city development and planning.

For more educator resources & classroom activities, visit:
<https://citiesofthefuturefilm.com/#educators>



TEKS:

Science

K: 12, 12A, 1A

1ST: 11, 11A, 11B, 11C

2ND: 11A, 11B

3RD: 11A, 11B, 11C, 1B

4TH: 1A, 11A, 11B

5TH: 11, 12C

6TH: 11, 11A, 11C, 12

7TH: 12, 12B

8TH: 1B, 1G, 5G, 11, 11A, 11B, 11C

Environmental Systems– Evaluate sustainability practices and resource management.

World Geography / Economics – Analyze urbanization, infrastructure development, and human–environment interaction.

Social Studies

K: 4B

1ST: 4A

2ND: 4A

3RD: 14B

4TH: 4B, 20B

5TH: 25B

6TH: 4B

7TH: 6A

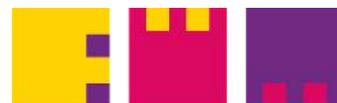
8TH: 27A

High School (World Geography / World History / U.S. History)

- **WG.15A** – Analyze how humans adapt to and modify the environment.
- **WH.1F** – Identify causes and effects of technological, cultural, and social change.
- **USH.27A** – Explain the effects of technological and scientific innovations on society.

Extension ideas for teachers:

- After viewing *Cities of the Future*, invite students to become “future city planners.” Ask them to design their own city of the future that solves a real-world problem such as traffic, pollution, water use, or energy efficiency.
- Students can draw a map or build a simple model showing features like green spaces, renewable energy sources, smart transportation, or eco-friendly buildings. Encourage them to explain how their design helps people and the environment.
- Ask students, “What is one change you would make to your community today to help build a better city for tomorrow?”



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