

CONNECTICUT SCIENCE CENTER

6th Grade Curriculum Connections (CT)



Hot Air Balloon



Planet Earth Gallery:
Hurricane Force



River of Life Gallery:
Long Island Touch Tank

Exhibit Connections:

All of our 165+ hands-on exhibits are educational and fun for any age. This is a small selection of permanent exhibits that tie directly into the 6th grade curriculum.

Curriculum Connection	Gallery Name	Location	Exhibit Name	Description
6.1 Properties of Matter	4th Floor Bridge	4 th Floor Bridge	Hot Air Balloon	See how hot air balloons work with air.
	Energy City	6S	Photovoltaics on the Go	Touch a real silicon rock.
6.2 Abiotic Factors	River of Life	6S	Fish of Connecticut	Observe an ecosystem.
	River of Life	6S	Animal Tanks	What is missing from this ecosystem?
6.3 Meteorology	Planet Earth	5N	A Year's Worth of Weather	Look at the weather of the past year.
	Planet Earth	6S	Hurricane Force	Experience the power of a hurricane.
6.3 Meteorology	Planet Earth	6S	WFSB Early Warning Weather	Generate your own weather report.

	Planet Earth	6S	Weather Station: Clouds	Observe how different clouds can be.
	Exploring Space	5N	Earth Observatory	Look at global weather patterns.



New for 2017! Science Showdown Motion Mayhem



New for 2017! Science Alley

Special Traveling Exhibits (Included with General Admission)

Alien Worlds and Androids: Fall 2017

It may be an out of this world experience, but you will leave feeling like you took a fantastic journey through space and time. Alien Worlds and Androids brings guests face-to-face with worlds far beyond their own, and introduces the technology that takes them there.

Bionic Me: Spring 2018

Test your own limits as you run, sense, and navigate. Explore how technology can enhance your abilities and integrate with your body. Imagine your future: what choices will you make and how might they change your life?

Live Gallery Science Programing (Included with General Admission)

These hands-on activities supplement the exhibits in our galleries.



3D Movies:

- *NEW! Dream Big*
- *NEW! Extreme Weather*
- *3D Sun*
- *Galapagos*
- *Journey to Space*
- *Hidden Universe*
- *Last Reef*
- *Mysteries of the Unseen World*
- *Tornado Alley*
- *Wild Ocean*

Stage Shows:

45 minute interactive demonstrations with a STEM Educator.

NEW! Global Soundscapes (Grades 4-8)

Immerse yourself in the amazing sounds of our planet! Through giant screen images, surround sound, and live presentation, **Global Soundscapes** takes you on an ear-opening journey into the science of sound and the emerging field of soundscape ecology. Embark on a mission to investigate the dramatic soundscapes of Costa Rica's rainforests, Hawaii's coral reefs, and Mongolia's vast grasslands. Learn how animals use sounds to survive and communicate in lush, but threatened environments. Discover what soundscapes tell us about the health of our planet. With **Global Soundscapes'** unique format—combining giant screen images, surround sound, and live presentation—you'll hear the Earth in a whole new way!

Forces and Motion (Grades 4–8)

This unique program format will engage your students in physics and introduce them to Newton's Laws. The show combines live demonstrations with video and other imagery projected on the theater's 30' x 40' screen.

Discovery Center Lab Programs Grades 6-8:

45-minute classroom program run by our very own STEM Educators. These lessons are inquiry based and align with the Connecticut State Framework or the Next Generation Science Standards.



- **H₂O No!**
- **Cloud Sourced**
- **I know My Body**
- **Breaking Up Is Hard To Do**
- **Roller Coasters**
- **NEW! Solving the Solstice**
- **Energy Through Time & Space**
(60 Minutes)
- **Be a Molecular Biologist**
(90 Minutes)



NEW! Butterfly Encounter – 20 Minute Wild Wings

Join hundreds of butterflies at the most glorious stage of their fascinating lifecycle in a tropical greenhouse- an all new, must-see destination within the Connecticut Science Center.



For More Information:

Visit: CTScienceCenter.org/fieldtrips

Book: CTScienceCenter.org/booknow

Contact: Brit Montmeat, Group Sales Account Manager

Phone: 860-520-2112 or 860-520-2150

E-mail: bmontmeat@ctsciencecenter.org