

CONNECTICUT SCIENCE CENTER

7th Grade Curriculum Connections (CT)



Exploring Space: Our Eyes on Mars



Picture of Health: Bones of the Body & Health Lab



Picture of Health: Visual Analysis

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 7th grade curriculum.

Curriculum Connection	Gallery Name	Floor	Exhibit Name	Description
7.2b	Sports Lab	5S	Cardio View	View Simulated visualization of your heart and lungs
	Picture of Health	5S	Visual Analysis	The Doctor Is In - Diagnose sports injuries
	Picture of Health	5S	Health Lab	Investigate different organs through a 3D simulation
	Picture of Health	5S	Bones of the Body	Assemble a skeleton, and learn more about how the bones fit together and work to help the body function.
	Picture of Health	5S	Joints	Investigate different joints of the body

7.3	Exploring Space	5N	Earth Observatory	Identify where tectonic plates are, volcanoes and earthquakes. See how Earth has changed
	Planet Earth	6S	Connecticut Rocks: Rock Cycle	Rocks can be used to determine how landforms were created
	Planet Earth	6S	Plate Tectonics	See how plate tectonics has changed the world
	Planet Earth	6S	Driving by Mountains of Data	Observe that landforms are composed of different rocks and their formation can be determined from them.
	Planet Earth	6S	Read a Rock's Headlines	Identify rock features that occurred due to glaciers or tectonics
	Planet Earth	6S	Read a Rock's Inside Story by the Slice	Look at mineral crystals to observe how tectonics change a rocks' crystals
	Planet Earth	6S	Geology and Art	See the connection between art and geology
	Exploring Space	5N	Explore the Red Planet	Compare the geologic features on Mars to Earth
	Exploring Space	5N	Our Eyes on Mars: The Search for Water	Identify landforms on Mars that may have been created from water.



New for 2017! Science Showdown Motion Mayhem



New for 2017! Science Alley

Special Traveling Exhibit (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:

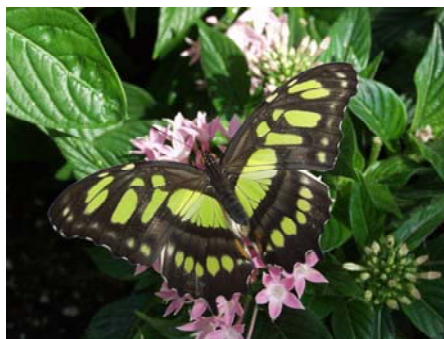
45-minute classroom program run by our very own STEM Educators. These lessons are inquiry based and align with the Connecticut State Framework or the Next Generation Science Standards.



- **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 – Wild Wings, 20 Minute Program.

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