

INNOVATION GALLERY ■ FEBRUARY 2014

Transforming lives through extraordinary learning environments

Setting the stage for unique opportunities that nurture the imagination, curiosity and creativity supporting science, technology, engineering, arts and mathematics (STEAM) education.

In the Studios:

Inventor

Using a variety of materials, design contraptions that can float, fly or tumble in the air.

Doodler

Sketch, doodle, erase, crumple, fold, crease, tear, glue, design to create original works of art.

Designer

Explore the luminous qualities and properties of light and color.

Imaginer

Experience a rotating menu of playful and inventive activities.



FORT WORTH MUSEUM
SCIENCE AND HISTORY

The Fort Worth Museum of Science and History, founded in 1941, is accredited by the American Association of Museums.

817-255-9300
www.fortworthmuseum.org



Smithsonian Institution
Affiliations Program

2014
ENGINEERS
WEEK

FEBRUARY 18-22, 2014

Don't miss this week of STEM-filled discovery! Build, test, experiment and create with community engineers and find out how exciting engineering can be.

ENGINEERS WEEK ACTIVITIES:

Tuesday/Wednesday, February 18-19 10 am-2 pm
Thursday, February 20* 10 am-4 pm
Friday, February 21 10 am-2 pm
Saturday, February 22** 10 am-5 pm

**Special extended hours for home school educators and children on this Thursday from 1-4 pm.*

***"Girls and Engineering Day" on this Saturday from 10 am-4 pm*

Engineers Week is sponsored locally by Mouser Electronics, IBM, Lockheed Martin Aeronautics, and Chase. Additional volunteer and educational support provided by Lockheed Martin Aeronautics, IBM, Mouser Electronics, Society of Women Engineers, Texas Society of Professional Engineers, Cowtown BEST Robotics, Eastfield College and Starpoint School.

All Engineers Week activities are included with paid exhibit admission. Engineering activities are offered on a rotating basis and engineers are on site at varying times.

LOCKHEED MARTIN 

M **MOUSER**
ELECTRONICS

IBM[®]

CHASE 

WOW!

Drop by any day of the week to enjoy

- 11 am Collections Spotlight - Innovation Gallery
- 2 pm Science Demonstration - Innovation Gallery
- 3 pm TED lecture - Imaginer Studio

RESEARCH AND LEARNING CENTER

at the Fort Worth Museum of Science and History

The Research and Learning Center is a shared vision of the Fort Worth Museum of Science and History and the College of Education and Health Professions at the University of Texas at Arlington. The RLC's mission is to support and enhance lifelong learning at the Fort Worth Museum of Science and History through interactive collaborations with research scientists. Museum guests can learn from researchers and experience the scientific discovery process as they participate in active research studies.

The Research Learning Center, located inside Imaginer Studio, will be open Saturdays from 10 am until 4 pm for guest interaction with research scientists. For further information, contact Debbie Cockerham, Managing Director, at dcockerham@fwmsh.org.

Research and Learning Center studies for Saturdays in February:

Topic: Math and Reasoning Skills

Researchers: Dr. Michael Connell, CEO, Native Brains and UTA MBE Lab

Topic: Does Listening to Music Impact Task Performance?

Researcher: Deborah Edwards, Assistant Professor, Embry-Riddle University

Topic: Interactions with a Robot

Researchers: Dr. Dan Popa, Isura Ranatunga, Sumit Das, Dr. Corina Bogdan, Nahum Torres, Namrata Balakrishnan, NexGen Systems, University of Texas at Arlington



Innovation Studios provides field experiences for UTEACH interns.



STUDIO LEARNING ENVIRONMENTS, TOPICS AND ACTIVITIES ARE DESIGNED FOR AGES 8 AND OLDER AND MAY FEATURE SMALL PARTS AND SHARP TOOLS. ALL STUDIO ACTIVITIES AND DEMONSTRATIONS ARE SUBJECT TO CHANGE.

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DOUBLE WOW!

Drop by on these special days to explore

February 1 Skippy Peanut Butter was created on this day in 1933. Peanut butter tasting at 2 pm - Innovation Gallery



February 2 Groundhog Day Collections Spotlight on rodent specimens at 11 am and 1 pm - Innovation Gallery

February 9 Milton Hershey developed the Hershey Chocolate process in 1899. Chocolate tasting at 2 pm - Innovation Gallery

February 10-14 Design a Valentine card all day - Doodler Studio

February 12 Smithsonian Science Now Webcast: "Bird Detective" Participate in a live webcast with Carla Dove, Smithsonian Museum Forensic Ornithologist, at 1 pm - Imaginer Studio

February 14 Collections Spotlight "Heart to Heart" heart science specimens and models at 11 am - Innovation Gallery

February 14-16 Look for these and other special activities celebrating the new *Wizard of Oz Children's Educational Exhibit* -

Collections Spotlight "Lions, Tigers, and Bears" at 11 am - Innovation Gallery

"Make a Tin Man" from aluminum foil all day - Doodler Studio

"Paint a Rainbow" with watercolors 10 am-noon - Doodler Studio

February 15 National Gum Drop Day Design gumdrop constructions all day - Doodler Studio



February 18 National Battery Day Experiment with fruit batteries at 2 pm - Innovation Gallery

February 27 Smithsonian Science Now Webcast: "Bone Whispering" Participate in a live webcast with Kari Bruwelheide, Smithsonian Museum Forensic Anthropologist, 1 pm - Imaginer Studio