

Showing at Sci-Tech Discovery Center
From January 29th-May 1st

ANIMATION

featuring **CN**
CARTOON NETWORK.

The *Animation* exhibit brings together art, math, science and technology by exploring the exciting world of animation. Through a series of hands-on exhibits, graphics and videos, visitors will explore the process of animation and create their own animated sequences. As they bring their creations to life, they will use math and science concepts and skills, just as real animators do. Visitors will have a chance to experiment with a variety of animation tools and techniques, including cartoon drawings, model animation, and computer-based animation, while gaining an appreciation of the math and science that underlie the animator's art.



Animation uses popular characters from Cartoon Network throughout the exhibition in colorful larger-than-life graphics. Families and children can experiment with storyboarding, character design, drawing techniques, model manipulation, movement, timing, filming and sound. *Animation* is ideal for both families and school groups (grades K-8). The exhibit is highly personalized for visitors, as they not only use interactive exhibits that demonstrate animation principles, but create their own animations in several areas of the exhibit. *Animation* invites the visitor to become the animator, thus creating a unique experience for visitors of all ages.



The Foley Room



Planning the Action



The exhibit consists of six thematic areas that touch on the various concepts important to the field of animation:

- *History*
- *Animation Studio*
- *Art in Motion*
- *Science Laboratory*
- *Sound and Stage*
- *Cartoon Museum*

In conjunction with *Animation*, Sci-Tech Discovery Center will also offer areas for experimentation in the iSpace and Wow! Lab, amazing performances and demonstrations on the Discovery Stage, field trip programs designed for students of all ages, and evening and weekend programming for families.

Animation will only be at Sci-Tech Discovery Center from January 29th-May 1st, so please plan a field trip soon to fulfill the science TEKS learning goals listed below. Educators planning field trips to *Animation* are welcome to a free evaluation visit during operating hours.

Animation TEKS Correlations for Science:

K: 2DE, 4AB, 6CD
 1st: 2CD, 3C, 4A, 6CD
 2nd: 2D, 3C, 4A, 6ACD
 3rd: 3D, 4A, 6AB
 4th: 3D, 4A, 6A
 5th: 3CD, 4A, 6A
 6th: 3D, 4A, 8AB
 7th: 3BD, 4A
 8th: 3D, 4A, 6C

Animation TEKS Correlations for Math:

K: 5, 6A, 7AB, 9ABC, 11B, 13AD, 14A
 1st: 4, 6ABD, 11ABCD, 12A
 2nd: 7A, 12AD, 13A
 3rd: 6AB, 14AD, 15A
 4th: 12B, 14AD, 15A
 5th: 14AD, 15A
 6th: 11A
 7th: 13A
 8th: 14A

For complete standards information, activities to do at school or onsite, and more, please visit the *Animation* website at <http://www.oms.edu/exhibits/animationsite/>.



Sci-Tech Discovery Center
 8004 N. Dallas Parkway, Suite 100
 Frisco TX 75034
www.mindstretchingfun.org
 (972)546-3050

Sci-Tech Discovery Center Animation Group Rates



January 29, 2011 – May 1, 2011

8004 North Dallas Parkway
Suite 101
Frisco, Texas 75034



Don't miss this opportunity for a dynamic hands-on experience for your group. Sci-Tech Discovery Center can provide one and a half hours of Mind Stretching Fun® for your students or organization.

Individual ticket price, three years or older	\$6.50 per ticket
Group rate with 10 or more students	\$5.00 per ticket
Group rate with 100 or more students	\$4.00 per ticket

*One adult chaperone receives free admittance with the purchase of ten tickets.

Supplemental Programming: For an additional \$2.50 per student, you may extend your field trip 2 hours by adding a Wow! Science show and a hands-on, standards correlated class on the following topic:

Nanotechnology- Why small is big!

The study of this tiny technology is a big deal. Learn how nanoscientists work with things that are too small to see and discover how our world is changing as a result.

Grades k-2 We will be reading about snow, making our very own "fake snow", and experimenting with things that are big and small

§112.11: 1A, 2A, 2C, 2D, 3C, 4A, 4B, 5A, 5B, 6A

§112.12: 1A, 2A, 2C, 2E, 4A, 4B, 5B, 6A

§112.13: 1A, 2A, 2C, 2F, 4A, 4B, 5A, 5B, 5C, 6A

Grades 3-5 We will be experimenting with surface tension, performing chemical reactions, and examining objects that are organized differently at the nano (or tiny) level than macro (or big) level

§112.14: 1A, 2A, 3A, 3D, 4A, 5A, 5B, 6A

§112.15: 1A, 2A, 3A, 3D, 4A, 5A, 5B, 6A

§112.16: 1A, 2A, 3A, 3D, 4A, 5A, 5D

Grades 6-8 We will be exploring the sense of smell, surface area, nanotextiles, DNA isolation from strawberries, and buckyballs.

§112.18: 1A, 2A, 2E, 3A, 3D, 4A, 8B

§112.19: 1A, 2A, 2E, 3A, 3D, 4A

§112.20: 1A, 2A, 2E, 3A, 3D

Field trip time slots begin at 9:30am and noon weekdays.

Hours of General Operation: Tuesday through Friday 10am-5pm

Saturday 10am-6pm

Sunday 12pm-6pm

Open Mondays for field trips upon request.

Book your group now by calling 972-546-3050