



Visual Vibrations is an exhibition that provides insight as to how the eye and brain function together and determines what we see – or think we see. There are plenty of hands-on learning opportunities for children of all ages as part of the Visual Perception Exploratorium Program. Take a look at some of these activities: <http://www.exploratorium.edu/snacks/iconperception.html>



After registering, Teachers will receive a packet through e-mail that includes the exhibit's key terms, key concepts, list of TEKS science objectives covered in the activities and at the exhibit, and a pre-visit study guide.

Teachers will also be provided with pre-field trip activity that can be done in the classroom before their visit to the Imaginarium and with a post-field trip activity that can be done once the students get back to the classroom, so that learning is reinforced.

Other teaching/learning resources include evaluation tools, like a pre-test and post-test on motion concepts and rubrics to assess the activities. If you are interested in registering your class for a field trip, please call us at 728-0404. Make sure you give us your school e-mail address, so that your teacher packet can be e-mailed to you.

Book a Field Trip

- Only \$5 per child
- Adults are free!
- Call to Check Availability
- Sign a Contract
- Leave a \$20.00 Deposit
- Maximum 3 Classes

Then come in with your class and chaperones and:

- ◆ **Listen** to a short Orientation given by our Field Trip Coordinators.
- ◆ **Participate** in our learner-centered exhibit activities.
- ◆ **Explore** everything about our current traveling exhibit, remember it's temporary, it will be gone soon!
- ◆ **Experience** hands-on fun in our permanent exhibits: Shadow Room, Construction Zone, Market, Train Station, and More!

Laredo Kids' Connection CALLING ALL CLASSES!

Fridays at the Museum,
for Field Trips Only!

Want to get your kids on T.V.?



Every Friday morning, Tim Gutierrez of KGNS "Laredo Kids' Connection!" films segments for his show at the museum. (seen at 12pm every Saturday on channel 8)

Our Programming Department will arrange for your class to participate in an inquiry-based activity that will be filmed for "Laredo Kids' Connection!".

(Subject to Mr. Gutierrez' schedule. We cannot guarantee filming nor length of segment.)

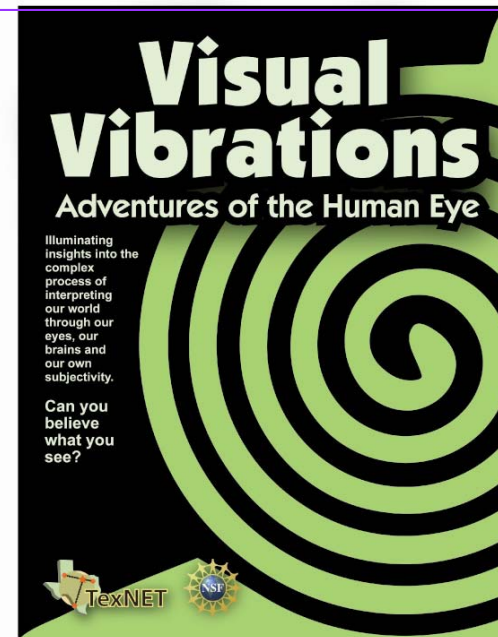
FIELD TRIPS AT THE IMAGINARIUM



5300 San Dario, Ste.505
Mall del Norte 78041
p.956-728-0404
p.956-728-0418
f. 956-725-7776
www.imaginariumstx.org
info@imaginariumstx.org

A place for curiosity and creativity, filled with exhibits that promote learning thru exploration & located in Mall del Norte, next to Dillard's

Reservations for 2 hour self guided school tours are now being accepted. (2 Sessions: 9-11am or 12-2pm)



Visual Vibrations is the fourth in a series of exhibitions coordinated by the Texas Network for Exhibit-based Learning and Teaching and by the National Science Foundation. All exhibits and educational materials are TEKS-aligned. *Visual Vibrations* was developed by the Exploratorium of San Francisco.



Hours of Operation/Horario:

Field Trips/ *Visitas Escolares* :
Monday thru Friday/ *lunes a viernes*
9am to 11am or 12pm to 2pm.

Open to the public/ *Abierto al público*:
Wed and Thurs/ *miércoles y jueves*
10am to 7pm

Friday and Saturday/ *viernes y sabado*
10am to 8pm

Sunday/ *domingo* — 12pm to 6pm

VISUAL VIBRATIONS
was designed to spark
curiosity & discovery
and to produce the
"aha" learning experience.



at the
**Imaginarium of South
Texas,**
we're not only
learning, we're **DOING!**

We are located in Mall del Norte, next to Dillards.
phone 956-728-0404 fax 956-725-7776
Email: info@imaginariumstx.org

Field Trips 2008-2009:

Early Childhood Education:

Option 1: Light and Shadows



Develop children's natural wonder with light and shadow play. Observe the difference between your friend's shadows. Identify them by noticing who is tall, has short hair, or is wearing a dress. *Develops skills of observation and self-awareness*

PK - 2nd Grade:

Option 1: Light and Shadows



Discover different ways to make shadows as we investigate light by bouncing and bending it. Explore shadows and shadow shapes. Experiment with colored light and shadows. TEKS: Science : K.1, K.2, K.4, K.7, 1.1, 1.2, 1.7, 2.1,2.2,2.7

Option 2: Color Mix-up

Experience the magic of color changing before your eyes! Students combine primary colors to create new ones. Math vocabulary such as "red plus blue equals purple" will be used to describe the interactions. Students will make color spindles to take home.

TEKS: Science :K.1, K.2, K.4, K..7, 1.1, 1.2, 1.7, 2.1, 2.2, 2.7



3rd - 5th Grade:

Option 1: Rock & Erode

Roll up your sleeves to investigate the effects of erosion and deposition caused by water on a 3 x 16 foot stream table. See how these processes change the surface of the earth. Recognize patterns that allow you to predict future changes in the earth's shape. TEKS: Science 3.1, 3.2, 3.3, 3.4, 3.6, 4.1, 4.2, 4.3, 4.4, 4.10, 5.1, 5.2, 5.3, 5.4, 5.11, 5.12



Option 2: Illumination & Color

What is light? What color is it?

Experiment with the color spectrum as components of white light, make rainbows with prisms, use color filters to reinforce the properties of light. How are shadows made? Explore colored shadows with fun movements and shapes. Students will make color spindles to take home. TEKS Science : 3.1, 3.2, 3.2, 4.1, 4.2, 4.3, 4.6, 5.1, 5.2, 5.3, 5.8



We also offer these Special Programs:

Special 1: SNAILS!

Live Animal encounter with Texas Land Snails! Touch, Study and Learn with the Senses. For all Grade Levels except Early Childhood. (We can only accommodate up to 2 classes for this program.)



6th - 8th Grade:

Option 1: Rock & Erode II



Roll up your sleeves to investigate the effects of erosion and deposition caused by water on a 16 x 3 foot stream table. See how these processes change the surface of the earth. Recognize patterns that allow you to predict future changes in the earth's shape. TEKS Science : 6.1, 6.2, 6.3, 6.5, 6.6, 6.8, 7.1, 7.2, 7.3, 7.14, 8.1, 8.2, 8.3, 8.14



Option 2: Illumination & Color II

What is light? What color is it? Experiment with the color spectrum as components of white light, make rainbows with prisms, use color filters to reinforce the properties of light. How are shadows made? Explore colored shadows with fun movements and shapes. Students will make color spindles to take home. TEKS Science : 6.1, 6.2, 6.3, 7.1, 7.2, 7.3, 8.1, 8.2, 8.3



Looking for a Special Program not listed? Call and if we can help you in a particular subject or skill, we will. We need three weeks advance notice for a special request.

Special 2: STOMP ROCKETS!

How does thrust contribute to flight? Each student makes a paper rocket and then tests his/her design. For all grade levels except Early Childhood.



9th - 12th:

Option 1: Rolling Rivers

Get wet and dirty as you jump in to investigate river characteristics with water and sand on a 16 x 3 foot stream table. Observe erosion, flooding, and other natural processes. Discuss placement of man-made structures. Develop an understanding of how man interacts with natural systems and the possible results to both man and nature. TEKS Science : Environmental Systems 1, 2, 3, 8; Geology 1, 2, 10



Option 2: Alternate Energy - Hip or Hype?



Explore power extracted from

wind, water, and solar sources. Students create an alternative powered toy. TEKS Science : Physics & Chemistry 6; Geology, Meteorology, Oceanography 9

Special 3: Chemistry Blast!

Can't get messy at school? Get messy here! Students will learn about chemical reactions with fun, fizz-popping reactions. Or make a polymer to take home. All grade levels.

