Hands-on Astronomy Classes

Our classes can be adapted to any grade level. The classes listed below meet specific TEK science concepts. Classes include motion demonstration of the 36-inch research telescope and giant dome. A solar telescope tour is included which allows students to see solar flares and sunspots, weather permitting.

Our Neighborhood in Space

Exploring the Night Sky

Solar System

Seasons and Cycles–
Our Journey around the Sun

Deep Space and Beyond

Life Cycles of the Stars

Length: 50 minutes

Maximum: 55 students

George Observatory

Let the stars get in your eyes.

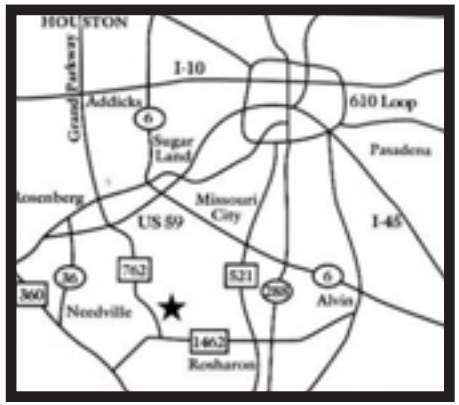
For information call:

(281) 242-3055

(979) 553-3400

Directions to George Observatory and Challenger Center

The George Observatory and Challenger Center are located in Brazos Bend State Park about 45 miles southwest of Houston. They are about two miles inside the state park. There is a parking lot located next to the path to the George Observatory/Challenger Center complex.



George Observatory and Challenger Center
21901 F.M. 762 • Needville, Texas 77461

Phone: (281) 242-3055 or (979) 553-3400
Fax: (979) 553-3331
E-mail: observatory@hmns.org
Internet: www.georgeobservatory.org

TEXAS PARKS & WILDLIFE

Texas Parks and Wildlife Department
4200 Smith School Road
Austin, Texas 78744

www.tpwd.state.tx.us

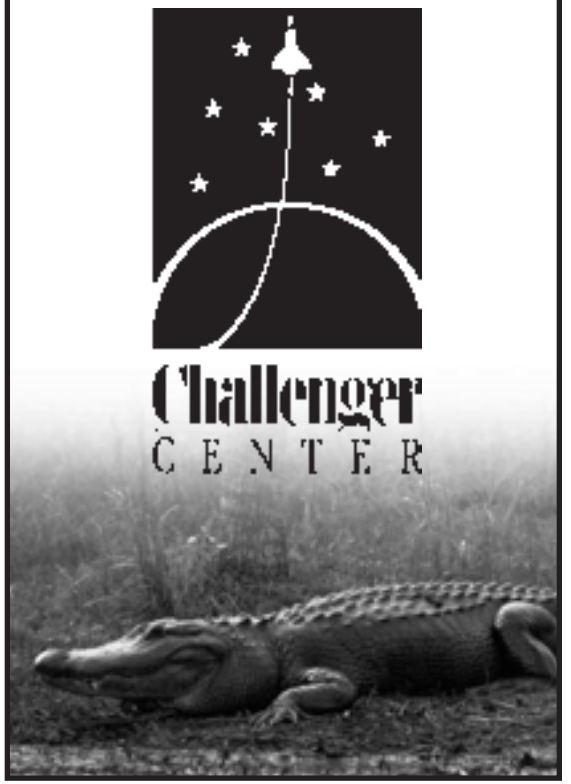
PWD BR P4504-110T (2/09)

TEXAS PARKS AND WILDLIFE

Brazos Bend State Park
invites your group to visit the

GEORGE OBSERVATORY

Field trips that will transport your students to space!



The George Observatory is a satellite facility of the Houston Museum of Natural Science. The Observatory and Challenger Center are located in Brazos Bend State Park.

Exciting Space Field Experiences for all Grades

Imagine a field trip where your students board the *SS Observer* for a simulated space mission and command the flight from Mission Control. This exciting field trip occurs surrounded by the beauty of Brazos Bend State Park at the George Observatory's Challenger Space Center. This unique center combines learning with an exciting hands-on experience as students participate as astronauts in our space simulator and as flight controllers in a mock-up of NASA's Mission Control.

Students learn science TEK process skills, teamwork and communication skills while experiencing the thrill of space flight. Add an Astronomy Class, bring lunch and enjoy a nature walk exploring the flora and fauna of Creek Field Nature Trail, right next to the Challenger Center before boarding your bus for return to school.

Field Trips to Challenger Learning Center for Space Science Education at George Observatory

FULL MISSION
Students spend one hour in space simulator as astronauts and one hour in mission control as flight controllers. Includes teacher packet.
- Length: two hours
- Crew: up to 40 students
- Grades: 4-12

MINI MISSION
For smaller groups or classes and great for birthday parties. Participants operate the space craft Observer as astronauts.
- Length: one hour
- Crew: up to 20 participants
- Grades: 4-12

JUNIOR MISSION
Developed specially for younger children and their eight adult helpers. Great for birthday parties.
- Length: 1.5 hours
- Crew: up to 30 participants
- Grades: 1-3

Challenger Learning Center Missions
meet process skill TEKS for all grade levels.

New Mega Mission!

Teachers can combine a Challenger Mission with specific content classes to maximize the field experience.

The Mega Mission will include an astronomy class, tour of the observatory and a view of the sun through our solar telescope, weather permitting.

FULL MEGA MISSION Grades: 4-12
Length: three hours Crew: up to 40 students

MINI MEGA MISSION Grades: 4-12
Length: two hours Crew: up to 20 participants

JUNIOR MEGA MISSION Grades: 1-3
Length: 2.5 hours Crew: up to 30 participants

All classes can be adapted to any grade level.
The classes listed below meet specific TEK science concepts for these grade levels.

Grades 1-4	Our Neighborhood in Space
Grade 5	Exploring the Night Sky
Grade 6	Solar System
Grade 7	Seasons and Cycles– Our Journey around the Sun
Grade 8	Deep Space and Beyond
Grades 9-12	Life Cycles of the Stars