

Experiential Learning in Science at LR Central High



Students can earn science
COURSE CREDIT while
learning **OUTSIDE** & doing
REAL WORLD science!



The Experiential Learning in Science Program was designed to provide students the opportunities to experience science in the field and learn through hands-on activities during an intensive week-long program. You can contact MK Parson or Patrick Foley for information or for the registration papers for this year's trip.

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Check out www.worldstrides.com for information about the company we travel with

Trips will alternate between the following programs:

“Dive IN!” Trip: Marine Biology focus (2009-2010 and 2011-2012)

Caladesi Island: travel to a completely natural island on the Gulf Coast. Measure waves, the chemical makeup of ocean water, measure ocean floor movement, build an ocean profile for the area.

Crystal River: Students snorkel with manatees and learn about the history and conservation of these gentle, endangered creatures.

Rainbow River: As they snorkel in clear fresh water, students will see diverse wildlife as well as prehistoric sharks' teeth, which are being released as the underground limestone caverns erode.

Lido Beach: This beautiful Gulf Coast beach is an excellent location for relaxing and learning.

Everglades National Park: Students have the chance to experience the beauty of Floridian wildlife in its natural habitat while learning about the significance of this one-of-a-kind ecosystem.

Garden Cove Kayak Trip: Students kayak through four different habitats, including mangrove tunnels and coastal areas.

John Pennekamp Coral Reef State Park: Students have the option of performing an oceanography lab on the beach at this park before snorkeling in the vibrant, colorful reefs nearby.

Miami Seaquarium: Students swim with dolphins at this state-of-the-art facility.

“Science in Motion” Trip: Physics focus(2010-2011, 2012-2013)

Epcot: Alternate energy, agriculture, future space habitats, physics of roller coasters (acceleration, velocity, potential/kinetic energy), simulated test drive automobile prototypes

SeaWorld: Physics of living in deep sea, physics of special effects, fireworks

Magic Kingdom: Light, sound, and magnetic waves; Aeronautic Design Labs; Kennedy Space Center; Space exploration & discovery; Lunch with an Astronaut

Museum of Science and Industry: Space mission simulation, Interactive science activities

