Venice Christian School
Wetlands Mini-Grant

*Project Genesis*

Pre-k – Eighth grade students will be able to participate in this program. K-8th grades are required to take both a pre-test and a post-test. These will be made available to you. Teachers will complete an evaluation form at the completion of the study.

Students will: 1) Research the different species of fauna and flora located on our wetlands and learn about conditions conducive for optimum growth and continued health. 2) Research the hazards of building next to a wetlands employing critical thinking skills relating possible contaminants to harmful effects on the environment.

Each class will be assigned a specific area of the wetlands. Students will visit the designated parcels weekly and record observations in their Lab journals. Each class will also document their observations through photos taken throughout the course of the project. (digital cameras provided) Photographic depiction of the affected area would reveal any changes in the overall proliferation of plants and animals. Water sampling and other tests may be conducted by individual classes. Students may take samples of plant life, insects etc. recording observations through drawings, rubbings and written documentation.

Students will seek to develop safeguards protecting the health and integrity of the wetlands. They may also provide on-going strategies to secure the refuge. Classes may begin their field trips when pre-tests have been given. Class findings may possibly be displayed at the Library.

**Timeline:**
Pre-test ............. completed by Wednesday, December 7
Post-test ............. Completed by Wednesday, May 3