

- a. **Family, Youth, Visitor Park Stewards Day Camp and Service Project.** TRT will design and produce a comprehensive sustainable plan for a day camp along the shoreline of a very popular camping beach in Glen Canyon. The plan will provide a rich selection of resource related activities of significance to Glen Canyon in the hopes to increase participants' knowledge, appreciation, and care of the resource. Target subjects include but not limited to: water quality and aquatic invasive species, water safety and introduction to non-motorized water craft use, Leave No Trace, desert ecology, wilderness ethics and survival, art, music and writing projects, and recycling. Included in each day's activities will be a service project that reinforces the importance of stewardship of public lands. The camp will be promoted within our local community as well as at the beach.
- b. **Enhanced technological communication for increased distance learning.** The TRT will design a simple, easy, and adaptable digital learning program platform that teachers and NPS staff can use with minimum expense and training, and can link in to existing compatible technology in schools. Students will be able to chat with field rangers doing live chats on a variety of relevant topics such as aquatic invasive species research and prevention, paleontology, water, drought and global climate change, and other topics that are current research projects in Glen Canyon that have broad regional interests.
- c. **Lesson Plans based on common core standards for 3-6th graders regarding the vital role water plays in the daily lives of every living thing on earth.** The TRT will create lesson plans based on current scientific research of local and global perspectives on how water affects our planet including social, economic, and political impacts. Lesson plans should be digitally interactive for web based applications, dynamic, innovative and grade level appropriate. The plans will closely mirror the overall mission of the park to protect the watershed, its quality, and how our parks fits into the emerging water quality and quantity issues in the western United States.