

- ☆ **A New Distance Learning Signature Program for Grades 6-8 and 9-12**
- ☆ **Aligned with Ohio and Michigan Academic Content Standards**
- ☆ **Your class takes on the role of NASA engineers to save the Space Craft**
- ☆ **The \$175 fee includes:**
 - Pre-Connection Activities*
 - Connection Lesson Materials*
 - DL Teacher Orientation*
 - 45min – 1hr Connection*
 - (Using your school's DL equipment)*
 - Follow Up*



Tiger Team

The Tiger Team simulation is designed to engage students, grades 6 through 12, in the application of skills, concepts, and content taught in science, mathematics, and language arts. The simulation includes activities that provide a broader perspective of space exploration and the problems that may (and often do) arise. Using knowledge gained through hands on investigations to assist in relating uses, properties, and the chemical processes to the arrangement of small particles that complete matter, the "Tiger Team" seeks to find the solution to the oxygen emergency that faced the crew of Apollo 13 (grade 6 – 8, can be modified for grades 9-12) or the STS-114 heat shield problem (grades 9 – 12). The students (in the remote classroom) will devise solutions, test these solutions, modify and retest as needed, and instruct the capsule commander (CLC instructor) as to the implementation of the solution through the use of distance learning equipment.

- ☆ **The development of this program as a distance learning session allows the CLCLC to reach out to the schools and bring the program directly to them.**

History

Challenger Center for Space Science Education is a Global nonprofit organization created in 1986 by the families of the Challenger 51-L crew, tragically lost during the Challenger's tenth mission. Dedicated to the educational spirit of the mission, Challenger Center develops learning centers and other educational programs worldwide to engage students in science and math education.



Challenger Learning Center of Lake Erie West
4955 Seaman Road
Oregon, OH 43616
(419) 698-1501
(419) 698-1457 (fax)
www.eslakeeriewest.org

The Challenger Learning Center of Lake Erie West is sponsored by Educational Service Center of Lake Erie West. Sandra Frisch, Superintendent